IRRIGATION DEPARTMENT, BENGAL.

Abstract Statement showing the approximate volume of Traffic and the Tollage on Canals in Bengal classed as Major Works and Minor Works and Navigation for the month of October 1910, as compared with the corresponding month of the previous year.

				1919	-20.		
Canals.	511	WRIGHT C	or Cango.	BAI	78.	Tous	AGE.
The second		During the month.	To end of the month.	During the month.	To end of the month.	During the month.	To end of the month.
I.—Major Works.		Tons.	Tous.	No.	No.	Ra.	Ras
Midnapore Canal Hijili Tidal Canal	***	4,943 10,809	48,226 69,752	1,825 292	9,379 2,854	3,043 7,244	25,281 53,979
Total	***	15,752	117,978	2,117	12,233	10,287	79,260
II.—Minor Works and Navigation							
Calcutta and Eastern Canals Folly's Nala Madaripur Bheel	***	45,766 15,226 142,986	262,400 118,208 823,565	1,460 23,100 6 618	8,840 99,427 7,669	26,769 5,216 36,804	1,64,810 40,701 1,93,375
Total	***	203,978	1,204,173	31,178	, 115,936	68,789	3,98,886
Magrahat Channels Orissa Coast Canal Nadia Rivers	•••	5,409 4,102 4,063	40,082 28,574 30,051	100 1,818 129,700	100 4,393 561,398	1,681 1,182 1,154	13,547 8,089 6,582
GRAND TOTAL		217,552	1;302,880	162,796	681,822	72,806	4,27,104

and the second second			191	8-19.		
Capain.	WRIGHT	OF CARGO.	RA	PTG.	Total	AGE
200	During the month.	To end of the month.	During the month.	To end of the month.	During the month.	To end of the month.
I.—Major Works.	Tons.	Tons.	No.	No.	Rs.	Ra.
ritter man 1 Const	6,423	\$8,501 51,114	45 77	4,445 1,279	3,493 6,187	33,953 45,069
Total .	13,973	109,615	122	5,724	9,680	79,022
11Minor Works and Navigation.		A TOTAL				
Tolly's Nala.	53,038 27,390 168,846	296,964 130,027 1,019,423	1,650 6,200 6,405	14,895 46,772 7,436	29,716 9,477 41,726	1,78,813 46,170 2,28,616
Total	. 249,268	1,446,414	14,255	69,103	80,919	4,53,601
Msgrahat Chanels Orisea Coast Canal Nadia Rivers	0 940	31,897 25,470 55,201	957 92,340	6,774 473,107	2,594 1,522 1,967	15,186 9,156 11,987
GRAND TOTAL	268,449	1,558,982	107,552	548,984	87,002	4,89,929

CALCUTTA, The 9th December 1919.

G. J. ST. C. SEDGLEY, Under-Secy. to the Govt. of Benyal.

GOVERNMENT OF BENGAL, IRRIGATION DEPARTMENT.

Approximate return of traffic on the Circular and Eastern Canals for the week ending Saturday, the 6th Discember 1819, as compared with the corresponding week of the provious year.

			NDING BATURDA R DECEMBER 19			NDING SATURDA I DECEMBER 19:	
Nature of Oargo.	N	inmber of boats.	Weight of cargo.	Tollage.	Number of bosts.	Weight of cargo.	Tollago.
			Mds.	Rs.		Mds.	Re,
tice and paddy	000	1,095 243	44,535 92,203°	725 1,097	974 155	131,230 80,167†	2,344 899
rirewood Other articles	***	64 678	34,525	2,040	74 756	38,175 171,532	567 2,405
Total Smpty boats and rafts		2.085 420	3,45,550	4,371 1,205	1,959 657	421,104	6,218 4,541
GRAND TOTAL		2.500	3,45,550	5,576	2,616	421,104	7,756

* Weight by canal measurement

Mds. 101,7874 88,1624

CALCUTTA,

G. J. ST. C. SEDGLEY,

The 9th December 1919.

Under-Secy. to the Govt. of Bengal.

Statement showing the gauge-readings at Daooa Water-works Station on the river Buriganya for the week ending the 22nd November 1919.

		(AT MIGHIOT	WATER.	AT LOWKS	WATER.			
Date.	A17 A.W.	Time.	Headings.	Time	Readings.	At 6 P.M.	Remarks.	
1919.							AND THE PARTY OF	
16th Nov.	57.6		***	12-10	57.5	57.7	F. T. at 19-20.	
17th	57.7	630	57.8	13-55	57.1	57-3	E. §T. at 6-35, and F. T. at	
18th "	57.45	7—15	57.5	16-0	56.8	56.95	E. T. at 7-30 and F. T. at 16-10.	
19th ,,	57-0	8-0	57.3	16-50	56.45	56.45	E. T. at 8-10 and F. T. at 17-5.	
20th ,,	56-9	8-45	57-2	17-30	56.58	56.34	E. T. at 9, and F. T. at 17-40.	
21st "	56.75	9-20	57-15			.56*8	E. T. at 9-33.	
22ad "	56.6	10-10\$	57:3	1		56.5	E. T. at 10.50.	

Notable high and low water-levels of previous years.

2100000	8				-		Total grant
27th August	1906			Ties Miles	2000	70.5	A STATE OF THE REAL PROPERTY.
5th September	1909	444	100	1000	400	87-86	The state of the state of
10th August	1910	100	200	980		67:86	The state of the s
1st n	1911	***	***	144	249	68.46	
18th "	1912	110	100			67.16	Taken at high tide.
Slat n	1915		***		***	67-7	
18th "	1916		401	* ***	***	68-1	CHECK CHANGE SECTION
12th	1917	- 1999	1000	960		67-1	
Slat .	1918	***	***	***		69-12	
23rd February	1907	***	100	***	200	\$1.06	
13th	1908	***	100	100	100	61.06	
12th March	1912	.94	324		***	51.06	Williams and the second
6th	1914	1	1945	- 444		50 60	Taken at low tide.
22nd February	1915	101	- 646	900	***	60.80	LINKSH WE LOW CIDE.
16th	1916	Sec.	100			60-60	A HE AND STATE
ard March	1917	***	040	***		51.0	Marie Control
flat February	1918	000	***	***		51:40	A STATE OF THE PARTY OF THE PAR

DACCA, The 86th November 1919. W. J. KERR, Executive Eugr., Dacca Division.

Statement of Weekly Gauge-readings on the River Ganges at Rampur-Boalla for the week ending the 29th November 1919.

Date.	Hour.	Height of surface above or below zero: suinus sign for those below zero.	Height of surface above mean sea- level secording to P. W. D. datum.(s)	Height of surface above mean sea- level on the same date last year according to P. W. D. datum.(a)	Remarks.
1919. 28rd November 24th " 25th " 27th " 28th "	8 A.M. 8 " 8 " 8 " 8 " 8 "	Zero of gange is at mean sea level.	42:55 42:40 42:30 42:15 42:05 41:90 41:75	40.81 40.71 40.61 40.51 40.46 40.36 40.31	B. M. on College step corrected, 64 93.

(a) P. W. D. datum 6.25 feet above Kidderpore old dock sill.

				1	Old value.		ecording to
The previous year Ditto Becord Do.	000 200 200 200 200 200 400 400	Highest Lowest Highest Ditto Ditto Lowest Ditto Ditto Ditto	water-level	000	66-b2 on 30th August 1918 41-70 on 21st April 1918 69-25 on 26th August 1879 69-08 on 9th September 1885 68-30 on 25th August 1906 68-21 on 26th August 1890 87-63 on 25th April 1894 88 18 on 14th-16th April 1888 39-02 on 21st-22nd April 1897 39-28 on 6th-7th May 1908	000 000 000 000 000 000 000 000	61·71 86·89 64·44 64·27 68·47 60·40 82·82 88·82 84·21 84·47

N.B.—The gauge-readings commenced from 1st August 1887.

BOALIA,

The 29th November 1919.

M. SENGUPTA,

Executive Engineer, Rajshahi Divn.

Statement of weekly gauge-readings on the rivers Ganges and Brahmaputra for the week ending 29th November 1919.

Mouth and dabe.	Hour.	Reight of surface above or below zero of gauge.	Height of surface above mean sea-level.	Height of surface above menu sen- level on same date last year.	Remarks.
1919. 23rd November 24th " 25th " 26th " 27th " 28th "	7 A.M. 7 " 7 " 7 " 7 " 7 " 7 " 7 "	12.5 12.5 12.3 12.2 12.0 11.8 11.6	12.5 12.5 12.3 12.2 12.0 11.8 11.6	11.6 11.5 11.2 10.9 10.5 10.3 10.2	Zero is placed at mean sea-level. The bench mark for the gauge is of a pucca pillar between the passen ger ghât and Chandpur ghât. Its reduced level is 22.41.

	The second second	AND DESCRIPTION OF THE PARTY OF	The state of the s		
04.1	The previous year Ditto		Highest water-level	***	25°2 on 1st September 1918. 5°8 on 9th March 1918.
	Record (H.F. in and Ganges)	Brahmaputra	Highest "	000	26-75 on 28th August 1910.
	Brahmaputra and Becord (H.F. in		Ditto "	***	25-74 on 20th and 21st August 1893.
	and Ganges) Record (H.F. in	Brahmaputra	Ditto	***	25:66 on 11th to 17th and 31st August and on 1st to 3rd September 1889.
	only)		Ditto "	994	25 66 on 81st July 1900
	Do.	***	Lowest "	1-191	1.0 on 8th February 1914. 2.42 on 18th March 1908.
	Do. Do.	988 669	Ditto "	***	291 on 21st to 24th February and 8th to 9th March 1884.
	Do.	450 200	Ditto . "		3-16 on 9th to 11th March 1886.
	Do.	***	Ditto "		8:16 on 16th, 17th and 29th to 21st March 1901.

FARIDPUR,

R. K. GHOSE,

The 29th November 1919,

for Subdivisional Officer, P. W. D., Faridpur.



The Calcutta Gazette

WEDNESDAY, DECEMBER 17, 1919.

SUPPLEMENT.

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RESOLUTION ON THE ANNUAL IRRIGATION REVENUE REPORT FOR THE YEAR 1918-19.

GOVERNMENT OF BENGAL.

IRRIGATION DEPARTMENT!

CALCUTTA, THE 11TH DECEMBER 1919.

RESOLUTION-No. 53891.

The Annual Irrigation Revenue Report for the year 1918-19.

The Major Irrigation Works in Bengal are the Midnapore and Hijli Tidal Canals. The works are in operation. The Minor Works for navigation are the Calcutta and Eastern Canals, the Madaripur Bil Route, a portion of the Orissa Coast Canal, the Nadia Rivers and the Gaighatta and Baxi khal. The only irrigation work of this class is the Eden Canal. Training works on the rivers Ganges, Bhagirathi, Dhaleswari and Buriganga and anti-malarial drainage works carried out by this department at the cost of Government are classed under this head classed under this head.

- The capital outlay on the Major Works to the end of March 1919 amounted to Rs. 1,11,14,189. The works constructed for this outlay comprise two weirs across the Cossye River at Midnapore and at Panchkura and 9875 miles of main and branch canals, of which 6975 miles provide for both irrigation and navigation and 29 miles for navigation only; there are in addition 254 5 miles of distributaries. The Terapakia Pass khal, Palaboni khal and the khal leading to the Gewankhali Lock entrance, of which the aggregate length is 20.75 miles, are also maintained for navigation and included as part of the Hijli Tidal Canal. During the year under review no addition was made to the length of the canals or distributaries.
- 3. The total receipts from the Major Works amounted to Rs. 3,04,605 and the working expenses to Rs. 2,42,463, the result being a net revenue of Rs. 62,142 against Rs. 97,363 in the preceding year. This result is chiefly due to the increase in working expenses of the Hijli Tidal Canal consequent on the silt clearance of Range I, for which purpose the canal had to be closed to traffic for about a month and a half. The general revenues of these canals, which depend considerably upon receipts from navigation, have suffered of late years from railway competition. During the year under review there was, however, some increase in navigation receipts due to the diversion, as in the previous year, of traffic from the rail way to the canals owing to restriction on rail-borne goods traffic due to causes arising out of the
- 4. The area irrigated during the year was 80,749 acres as compared with 87,507 acres in 1917-18, and an average of 85,661 acres for the triennium ending March 1918. The decrease was due to seasonable and well distributed rainfall at the commencement of the kharif season.
- 5. The capital outlay on canals classed as Minor Works and Navigation was Rs. 4,02,781 during the year and Rs. 1,41,45,885 to end of the year. The receipts for the year amounted to Rs. 8.87,323 and the working expenses to

The financial results of the year and the capital expenditure to date are exhibited in the following statement :-

		EXPENDITURE, NO INDIRECT.	Receipts of	Expenditure	Not revenue	Net revenue	
	Of the year.	To end of the year.	the year less refunds.	of the year less refunds,	of the year.	of the previous	
Minor Works and Narigation.	Re.	lfs.	Re.	Rs.	Re.	Re.	
Calcutta and Eastern Canals Madaripur Bil Route Orissa Coast Canal Nadia Rivers Gaighatta and Baxi Khal Eden Canal Grand Trunk Canal	000	97,33,054 48,59,793	4,75,974 8,50,251 17,098 19,950 1,450 22,600	3,81,911 80,367 9,666 48,074 459 52,101	94,063 2,69,884 7,432 -28,124 991 -29,501	-93,839 2,63,058 -17,119 -82,510 2,387 9,557	
Total	4,02,781	1,41,45,885	8,87,323	5,72,678	8,14,745	81,584	

The Calcutta and Eastern Canals form a series of navigable channels mostly natural but partly artificial, by which communication is maintained between Calcutta and Eastern Bengal. The receipts from navigation tolls amounted to Rs. 4,53,867 as compared with Rs. 3,46,216 in the preceding year. The capital outlay incurred during the year was expended principally, as in the three previous years, on the improvement of the Gabkhan-Bharani khal from Chowkighatta to Jhalakati, which was completed during the year at a total cost of Rs. 7,36,535 for works only. This channel which has been improved in order to avoid the tortuous and dangerous route vid the Angeria khal, will now form a link in the main route for steamers between Khulna and Barisal. Capital expenditure was also incurred during the year on the excavation of the Kankrabunia khal in the western Sundarbans, which, when

completed, will serve as an alternative to the Doagra Channel which is rapidly dying.

- 7. The capital expenditure during the year on the Madaripur Bil Route, which connects the Madhumati and Kumar rivers in the district of Faridpur, was incurred chiefly on (1) the improvement of the Lower Kumar river, including easing bends therein, and (2) the construction of an embankment with sluices along the south bank of the channel. The completion report of the project received the approval of the Secretary of State in June 1919. The construction estimate has been closed with effect from the 31st March 1917. These works paid a return of 6.9 per cent. in 1916-17, 6.5 per cent. in 1917-18, and 6.2 per cent. in 1918-19. No less than 5,880 steamers and flats made use of this route during the year under review transporting 424 lakhs of maunds of cargo.
- 8. The Orissa Coast Canal in conjunction with the Hijli Tidal Canal affords communication between Bengal and Orissa, and previous to the opening of the Bengal-Nagpur Railway was the only inland route by which supplies of food could be conveyed into Orissa in time of famine. This eanal, which is intended for navigation only, now lies partly (i.e., for a length of 45 miles) in this presidency and partly in the province of Bihar and Orissa. The receipts and working expenses (direct and indirect) for the portion within Bengal were, respectively, Rs. 17,098 and Rs. 9,666 as against Rs. 14,587 and Rs. 31,706 in the year 1917-18. The increased receipts were due to the diversion of railway traffic to the canal. The decrease in working expenses was due to the fact that no extensive repairs to the locks, etc., were necessary during the year
- 9. The work in the Nadia Rivers consists in the training of the river channels by bandals with the two-fold object of maintaining by the scouring of shoals a sufficient depth of water for boat traffic and at the same time improving the sanitation of the country. The former object is only partially attained, but the work done is of use in the interests of sanitation. The committee appointed in February 1917 to consider the report on the Nadia Rivers submitted by Major F. C. Hirst, I.A., Director of Surveys, Bengal, and to advise Government upon the steps to be taken to carry out systematic observations of the changes in the Nadia Rivers, and also, if possible, to improve their condition as navigable channels and as feeders for the Lower Hooghly, have since submitted their report; and it is now before Government. The receipts and working expenses of the Nadia Rivers were Rs. 19,950 and Rs. 48,074, respectively, as against Rs. 16,667 and Rs. 99,187 in the preceding year. Though there has been a slight increase in receipts during the year, it is not likely that, with the growth of railway lines on either bank of the Bhagirathi, and the continued inefficiency of these rivers for the purpose of navigation, in addition to reduction in the rates of tollage from 1906, this system will ever pay its working expenses.
- 10. The Gaighatta and Baxi Khal is a short channel connecting the rivers Damodar and Rupnarain. A sum of Rs. 459 was spent during the year on the upkeep of the khal. The collection of tolls on boat traffic was leased out for two years from 1st April 1917 to 31st March 1919 at a rental of Rs. 3,400 per annum. Owing to restricted boat navigation during the year on account of the silted up condition of the channel, a remission of rent had to be granted to the lessee, and the rent realised amounted to Rs. 1,450 only.
- 11. The Eden Canal was originally constructed for sanitary reasons, but it is now used to some extent for irrigation. It was worked during the year at a loss of Rs. 29,501, against a profit of Rs. 9,557 in the preceding year. This was due to a decrease in the area irrigated during the year, and to an increase in the cost of maintaining the canal including the cost of new works taken up and completed.
- 12. The work in connection with the improvement of the Bidyadhari River by creating a spill reservoir for the flood tide was in progress during the year. The operations already undertaken have proved satisfactory; and it is expected that the continuation and extension of the operations will

effect further improvement by which the life of the river will probably be prolonged for a number of years.

- 15. Surveys were continued during the year in connection with projects for mitigating the effects of the Damodar floods, and the following works besides those dealt with in the last year's resolution were started with that object in view :-
 - (a) the improvement of the Hoorhoora khal,
 - (b) the improvement of the Uchchi Nala as a drainage outfall,
 - (c) the raising of the embankments on the south of the Ajai River.
 - (d) the raising of the Damodar left embankment.

Investigations were carried out in connection with storage reservoirs in the basin of the Damodar and Barakar Rivers. Surveys were also carried out in connection with the proposed Damodar canal project.

14. (i) Training works were, as usual, carried out in the Dhaleswari and Buriganga rivers to facilitate navigation and to improve the water-supply of the town of Dacca. Dredging operations were also carried out on the off-take (from the Jamuna) of the Dhaleswari River. These dredging operations were started on the 8th November 1918, but had to be stopped on the 28th December 1918 owing to the possibility that the dredger "Foyers" might be shut in by the falling river. These operations were successful to a certain extent, the result being an increased flow of water in the Dhaleswari river throughout the cold and hot weather seasons.

Spurs were also erected in the Buriganga with the object of deflecting the current to the right bank of the river and inducing a greater flow through

the Ati khal. The results proved satisfactory.

(ii) Training works were carried out also during the year through the agency of the India General Navigation and Railway Company, Ltd., on the river Ganges between Rajmahal and Goalundo.

iii) To improve navigation as well as the sanitary conditions and watersupply of the town of Rampur Boalia, training works were carried out on the

inner channel of the river Ganges.

- (iv) At the mouth of the Bhagirathi River, at its off-take from the Ganges, no dredging operations were done during the year owing to adverse circumstances; endeavours were made to improve the channel by means of bandalling only, so as to improve sanitary conditions by an increased flow in the river. The operations were not su ccessful.
- 15. General.—The most important problems with which the Irrigation Branch of the Public Works Department in Bengal have to deal are not connected with irrigation properly so called, but are mainly of a sanitary character, or are in connection with navigation or works of protection against floods. The work of the branch may be divided into (a) irrigation; (b) flood disposal and regulation, both tidal and non-tidal; (c) river training, both tidal and non-tidal; (d) drainage, both tidal and non-tidal; (e) anti-malarial drainage; and (f) navigation, open and closed canals for boats and inland steamers. The problems to be faced are of a very far-reaching character and affect practically the whole of Bengal, which is below the high flood-level of the network of rivers which intersect it. These rivers spill over their banks when in flood and irrigate large areas of rice, and deposit the suspended silt on the land, which acts both as a fertilizer and in building up the land itself. The problem which then arises is to regulate the water on the land, and to provide for its final drainage after the crop has matured; and the whole question is therefore one of irrigation combined with agricultural and sanitary drainage. As such rivers are apt to change their course, the natural channels become blocked both from natural and artificial causes, the areas submerged by flood become stagnant bils, and the whole country suffers from lack of proper irrigation and drainage. It is this side of the problem which requires special study and special engineering treatment for proper development. The solution of these problems depends to a very great extent on the

observations of land levels and the collection of accurate hydraulie data over

very large areas.

The surveys started in October 1917 in connection with the conservancy of the rivers Dhaleswari and Buriganga were continued during the year, and the Executive Engineer placed on special duty for the purpose continued his investigations throughout the year. He has sul mitted certain projects which are now under consideration.

Investigations in connection with anti-malarial works into the drainage conditions over large areas in the districts of Jessore, Nadia, Khulna, Midnapore and the 24-Parganas were continued and valuable information

obtained.

The Irrigation Department during the year was in charge of Mr. F. A. A. Cowley. The thanks of Government are due to him for the efficient conduct of the afairs of the department during the year and to Mr. Addams-Williams, c.i. E., Superintending Engineer on special duty, for his zeal and energy in the conduct of the enquiries into the drainage conditions in this presidency. The good work of other officers has also been noted by Government.

ORDER.—Ordered that a copy of this resolution be published in the Calcutta Gazette and that a copy thereof and of its accompaniments be submitted to the Government of India in the Public Works Department and circulated to other Governments and to all departments and officers of this Government as usual.

By order of the Governor in Council,

F. A. A. COWLEY, Secy. to the Govt. of Bengal.

Wholesale prices-current of food-grains, salt, etc., in the undermentioned marts of Bengal for the second-half of November 1919.

2	3		PADDY (BUST QUALITY).									
Marts,		Promut ruturn.	Next preceding return.	Corresponding return of 1914.	Corresponding return of 1917.	Corresponding return of 1916.	Corresponding return of 1916.	Corresponding return of 1914.				
1		a e m	1		5		and the					
		Be. A. P.	Ra. A. P.	Bu. A. P.	Ra. A. P.	Ra A. P.	Re A. P.	Rs. A. P.				
aloutta	***	4 8 0	4 8 0	340	300	3 8 0	430	50× 100				
betla HAt		*****	200070	******	-marer	******	200 000	000 000				
ordwan		4 14 0	4 14 0	3 0 0	2 4 0	3 12 0	3 12 0	907.00				
nion	101	*****	*****	004 + 6.0	*****	18000	*****	*****				
aniganj		901005	*****	049 × 64	005400	*****	*****	Polyage				
idnapore		440	4 10 0	3 0 0	1 13 0 to 9 4 0	2 11 0	220	094 005				
nittagong	E0.1	(e)	(0)	2 10 0	to 2 4 0	(e)	320	804-044				
nandpur		401 404	*****	949 900	440.000	24 244	******	990 880				
9008 ···		S 12 0	6 14 0	400	2 1 0	310	3 12 0	200,000				
arayangan)	227	801108	842000	*****	est are	455.000		*****				
mouslugh	1	****	444767	*****	245 444	200.00	*****	200,000				
adaripur				******	200444	005 504	000.000					
ibna		800	500	3 0 0	1 12 0	2 11 0	3 7 0	000.00				
rajganj		******	150.002	200 '01	252.00	******	200,030	20 510				
ingpue				300	2 6 0	3 12 0	3 6 0	000 000				

^{*} Figures not available.

(c) No sale

					Service 1	PADE	х (соммон бач	LITY).		
Marta			Present set	urn.	Next preceding return.	Corresponding return of 1918,	Corresponding return of 1917.	Corresponding return of 1916.	Corresponding return of 1915.	Corresponding return of 1914.
					10	11	12	13	14	16
			Rs. A.	P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	R5. A. P.	Rs. A. P.	28. A. P.
Oalcutta	14	0.03	4 0	0	400	2 12 0	2 6 0	3 4 0	8 14 0	448.000
Chotla HAt		260	******		******	Ø17110	999444	999 cod	004 100	204 899
Burdwan	. 9		4 12	0	4 12 0		1 14 0	3 4 0	3 8 0	400,000
Kalns	19	**	******		*****	001000	200 500	******	000000	000000
Ranigaoj		***	****	EN	ditess	1000000	******		020.002	040004
Midnapore		490	4.2	0	490	2 12 0	1 10 0	2 10 0	200	******
Obittagong		101	(0)		(e)	2 10 0	to 1 14 0	(e)	200	3 0 0
Obaudpur		***	· june		400114	mox 1996	wooden	And bee	******	900 001
Daces		101	5 8	0		3 12 0	1 13-0	2 12 0		000 000
Marayaugauj			*****		- дужаць	*****	888991	241.640	*****	243 554
Mymonologh		ENV	500+01	1 /63	100.709	payone	*****	*****	******	ayo 605
Madaripur		***	-		002700	*****	equipag.	101 000	000.000	\$20,044
Pabna		***	4.3	0	430	2 12 0	1 8 0	240	212 0	3 5 0
Mrajganj		***	bur esa		*****	2010	000000	Aug 200	Anima	200 000
dangpur		***		0	600	280	200		240	300

Wholesale prices-current of food-grains, salt, etc., in the undermentioned marts of Bengal for the sevend-half of November 1919.

			Rici	(BRHT QUALIT	T).		15.4
Maris.	Present return,	Next preceding return.	Corresponding return of 1918.	Corresponding return of 1917.	Corresponding return of 1916.	Corresponding roturn of 1915.	Corresponding return of 1914.
	16	17	18	10	20	91	22
	Re. A. P.	Rs. d. P.	Rs. A. P.	Ra, A. P.	Rs. A. P.	Re. A. P.	Ru. A. F.
lalentta	9 8 0	980	7 8 0	7 0 0	7 14 0	840	7.8.0
betla Hát	+	24 242	241000	*****	*****	arrage	******
Burdwan	820	8 12 0	7 0 0	5 5 6	980	800	600
Calna		949 ava	*****	No Me	243.000	Httas	******
taniganj			200,000	mm	274,000	******	******
Aldeapore	10 0 0	10 0 0		500	600	7 8 0	6.8
hittegong	12 0 0	12 0 0	800	7 0 0	8 8 0	10 0 0	10 0
Thandpur		Parties .	*****	-000000	******	*****	*****
Dacoa	. 10 8 0	10 0 0	8 0 0	5 0 0	6 12 0	7 4 0	6.4
Sarayanganj		*40075	*****	******	400,000	****	*****
Mymensingh			40000	047.00	000.040	More	
Madaripur		METER			-	-	*****
Pabna	. 900	900	7 0 0	600	800	8 0 0	
Birajganj		******	2 200 00 A		and the	*****	133.000
Rangpur	12 0 0	12 0 0	7 0 0	600	7 4 0	7 12 6	7.4

				RICE (C	OMMOR QUALITY	r).	As A commit	ME TO A STATE OF	
Marts.		Present retur	Next preceding return.	Corresponding return of 1918.	Corresponding return of 1917.	Corresponding return of 1916.	Corresponding return of 1916,	Corresponding return of 1914.	
		23	94	25	20 0	27	28	29	
70		12.5	4 9 9	V 4	47 6 1 1 2 1	1.2	PORT CONTEST		
		Rs. A. P	* Rs. A. P.	RS. A. Pe	F. Rs. A. P.	Bit A. P.	BR. A. P.	Ro. L. P.	
Jalcutta	Gas.			5 12 0	5 0 0	630	7 8 0		
betla Hát	ine	*****	5 1 1	101,000	400 000	444.00	******	111411	
Surdwap	***		7 10 0	8 6 0	3 8 0	4 0 0	580	4 10 0	
Calua	ex.	to 7 8 0	B 2000	······ - A	W seem 5		*****	400000	
kaniganj	425	99.30		GOV and	Central 1	Reserve	200000	444.694	
fiduapore	***	7 8 0	8 12 0	500	3 8 0	8 4 0	5 7 0	800	
hittagong	***			500	3 10 0	800	5 4 0		
handpor	900	000.000	menso		222.000	*****	412.000	easter.	
acos	444	986	814 0	7 12 0	4.00	6 12 0		5 10 0	
(arayangan)	***	- 1	*****	000000	205/242	******	200.000	000.000	
dymensiogh	000	******	051 845	200 000	******			103.004	
Cadaripur	-	000000	*****	danne			PRESENT	000 DF	
abus	***	7 11 6	7.00		440	6 4 0	5 12 0	8 6 6	
drajgaaj	AL.		******		000466	-	010.005	000,000	
lengpur	200	10 12 4	10 12 0		410 0	5 12 0	700	6 6 0	

Wholesale prices-current of food-grains, salt, etc., in the under. mentioned marts of Bengal for the second-half of November 1919.

			-		WHEAT.		-	
Marte.		Present return.	Naxt preceding rotury.	Oprosponding 1sturn of 1918.	Corresponding return of 1917.	Corresponding return of 1976.	Corresponding return of 1918.	Ourresponding return of 1914.
		8G	81	12	83	¥	35	86
		Bs A.P.	Ra, A. P.	Ba. A. P.	Ba. A. P.	Ra, A. P.	Rs. A. P.	En, A. P.
Daloutta	414	800	800	740	6 0 0	4 14 0	5 2 0	5 12 0
Dhetia Hát	***	440 444	\$41.000	0 0+0		980-000	015 ***	200.040
Burdwan	***	7 12 0	7 12 0	(4)	5 4 0	500	5 12 0	*****
Cains	044	110400	101.005	868441	****	*****	850.000	20000
Baniganj	***	800.000	09.002	51111111	449***	******	>>000	****
Kidnapore					5 12 0	5 0.0	600	*****
Thittagong	***	200 220	010442	005.005	*****	*****	00+44+	****
Obandpur	***	. *****	800000	998846	001 #04	DO 6 ***	Den	10 000
Dagos	0.00	W00 App 4	000000	******	000 +40	865 100	#85.00	000000
Harayangan j	195	******	#44 00#	000000		800 550	****	\$## \$4n
Cymonalngb	101	*****	000114	*****	******	47-100	407000	*****
Kadaripur	010	974 pas	024 044	******	800.00	******	******	9+4+44
Pabna	000	6 11 0	8 11 0	400 000	400	3 13 0		3 12 0
Birajganj	***	Basqua	44400	992 204	******	10000	******	
Raugpur	161	7 0 0	7 1 4		5.8.0	6.8.0		6 0 D
	700							5 0

(a) Not in stock

					KALAI DAL			
Marta.		Present return.	Next preceding return.	Corresponding return of	Corresponding return of 1917.	Corresponding return of 1916.	Corresponding raturn of 1910.	Corresponding return of 1914.0
		37	38	29	40	,61	48	43
		Bo. A. P.	Ba. A. P.	Bd. A. P.	Ra. A. P.	Ba. A. P.	Ra. A. P.	lle. A. P.
Infouths	010	8 8 9	(8 8 0	8 18 0	8 8 0	5 6 0	5 14 O	
Obstla Hat	***	******	******					444 *17
Burdwan	200			10 8 0	111111	5 4 B		999 060
Kaina	000						800	0.00,000
			920 200	******	000 000	-94± PPR	4004	014000
	194	******		0-04-00-0	******	800000	******	p+ 440
Midaspore -	***	to 10 8 0	to 10 8 0	to 11 0 0	8 12 0	4 8 0	4 0 0	0.00 (0.00
hittagoog	944	*****	*****	******	000000	640.000	416.000	401019
Manadpur	des	989 498	049494	000000	40×000	200 -40	40000	
Dacon	***	415.000	440.151	401000	aus 004	gog 919	947 pag	. ppc665
farnyanganj	***	900 004	400 000	*******	-66 860	949.440	0=1044	*01 pag
f y monoingth	200	******	060014	400.044	202204	-	******	4*-100
Madaripur	000	601 106	negated	641110		000000	801.010	go 000
Paboa	***	040 074	000 000	000.00	**************************************	900000	000 000	004 000
lirajganj	161	494400	*******	******	60 V 840	******	*****	am 600
Langpur	001	10 0 0	10 0 0	7.0.0	3.4.0	7 . 0	6.8.0	000.000

[·] Figures not available,

Wholesale prices-current of food-grains, sait, etc., in the undermentioned marts of Bengal for the second-half of November 1919.

	-			GRAM.			
Marts.	Present roturn.	Next preceding return.	Corresponding return of 1018.	Corresponding return of 1917.	Corresponding return of 1916.	Corresponding return of 1918.	Corresponding return of 1914.
	44	40	46	47	40	49	80
	Rs. A. P.	Re. A. P.	Rs. A. P.	Re. A. P.	Ra. A. p.	Ro. A. F.	Ha. A. P.
Industra	7 8 0	7 8 0	4 8 0	3 8 0	3 10 0	3 14 0	
Photla HAt	201 200	******	000000	***************************************	646+44	000004	410004
Burdwan	6 12 0	6 12 0		340	3 14 0	4 6 0	
Entna	to 7 8 0	*****	******	100000	007 000	99% *ao	022.001
laniganj	048 151	*****	010 000	000100		401 500	411,000
didanporo	to 9 4 0	to 9 4 0	6 12 0 to 7 0 0	10 4 6 0 10 4 6 0	4 6 0	4 10 0	046.494
handpur	#** \$ #\$	000.000	001990	Proves	FULDER	410.444	40000
acca	\$14.004	545088	000 500	******	1	Person	******
Inrayanganj	041.000	941000	541 000	90000	411.000	*****	999.040
dymensingh	99=000	******	000 pag	010000	863.00	437.040	
fadaripur	*****	20.000		211444		900000	604 700
abna	939953	*****	000 124			*******	000.000
irajganj	001001	000000	*****	Berne		017 pag	00000
Rangjur	7 9 0	7 9 0	7 0 0	8.4.0	7 10 0	7.0.0	900,000

					ARRAR DAL				
Marts.		Present return.	Next preceding return.	Corresponding return of 1918,	Corresponding return of 1917.	Corresponding return of 1916.	Corresponding return of 1916.	Corresponding return of 1914.	
1		81	83	88	1 84	66	\$6	67	
	-	Bu. s. P.	Ret. A. P.	Rs. A. P.	Re. A. 25	Ro. A. P.	Bn. A. P.	Ba. A. P.	
Daloutin	411	9 8 0		6 12 0	800	8 4 6			
Ohotis Håt	0==	00.01	01/727	051.000	887161	#0= 00q	500 170	000.000	
Burdwan	***	9 18-0	9 12 0	7 8 0	4 0 0	5 0 0	600	6 8 9	
Calna	900	440000	5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	849 444	000000	400 551	942844	000 00	
Ranigao)	631	607111	004 800	242 444	#20 00#	444.009	040 F00	200400	
Midnapore , Chittegong	000	11 0 0 to 12 0 0	11 0 0 to 12 0 0	712 0	to 6 8 0	7 0 8	780	7 8 0	
Thaodpur	40.0	*****		ers bas	0.00 1.00	200 011 b	\$000.00 B	******	
Dacon	112		10 0 0		412 0	6 6 0	700	8 12 0	
Narayanganj	×610	******	000.040	4 *****	994 000	404 900	001104	400.000	
Kymenning's	840	****	60000	10000	800 270	*****	Over seed	0.00000	
Madaripur .	840	500 050	00000	00000	001 104	**1,000	ont adp	000 000	
Pabna	810	12 0 0	18 0 0-		600	800	800	/ 6 9 9	
Birajganj	tar	946 447	000000	547.070	800×09	40=40>	*** ***	E7+006	
Rangpur	000	(a)	(4)	7 0 0	600	7 6 0	6 18 0	6 4 9	

Wholesale prices-current of food-grains, salt, etc., in the undermentioned marts a Bengal for the second-half of November 1919.

			LINERED.		7	MUSTARD.			Gur.		Coll	ON (UNGINK	ED).
Maria		Premout return.	Next preceding return.	Correspond- ing return of last year.	Pressat return.	Next proceding return.	Correspond- ing return of inst year.	Premont return.	preceding	Corresponding return of last year.	Present reture.		Corrupt low resi
APRIL	-	\$6	89	60	61	62	63	64	6.0	66	67	68	6)
		lts. A. P.	Ra. A. C.	Rs. A. P.	Ho. A. P.	Rs. A. P.	Re. A. P.	Ra. A. P.	Be. A. P.	Ho. A. P.	Ba. A. P.	Rs. A. P.	ita. A.
Onicutta	•••	13 0 0	13 8 0	7 8 0	12 8 0	12 8 0		10 8 0	9 8 0		25 0 0	25 0 0	30 a
Ohotla HAL	4+	049 831	P20 ab0	644101	p== 000	000000	101841	******	P74.060	*****	tida tree	E00 P43	That he
Burdwau	946	11 0 0 to12 0 0	11 0 0 toi2 0 0	(4)	13 0 0 to 14 8 0	13 0 0 1014 8 0	12 8 0	6 0 0 to 8 0 0	6 0 0 to 8 0 0	8 8 0	(4),	(a)	(a)
Kulua	000	*****	****	48444	200 000	00000	*****	010408	*****	******	401244	0043>>	****
Ranigauj	***	457*20	999 620	*****	abs o e è	004 400	000014	030 003	949 111	0 qu de t	**** 600 @ *	999.004	000.0
Midnapore	***	10 0 0	700	10 0 0	14 8 0 to 15 0 0	14 4 0 :116 0 0	11 0 0 to12 8 0	11 0 0	11 0 0	7 12 0	40 0 0	40 0 0	76 (
Obittagong	44+	15 0 0	15 0 0	10 0 0	12 0 0	18 0 0		12 0 0	12 0 0		14 0 0	(6)	(6),
Ohandpur	444	D50+0+	*****	******	44000	101010		*47.010	000000	430 000	010404	807100	144.6
Daoca .	222	17 8 0	17 8 0	7 0 0	12 0 0	12 0 0.	18 0 0	18 0 0	18 0 0	10 0 0	******	*****	Pode
Narayungani	000	4hp opp	909 840	491944	000000		***	***	030.000	449 - 24	000 cap	******	194
Mymensingh	642	000000	001000	G20 00-0	444.044	no peo	490 101	464.000	000 410	0.00 004	050 000	*****	***
Madaripur	*40	411000	4+2-000	100000	446.004	246 444	562400	22000	D09 og #	01.000	400000	*****	1 4071
Pabua	001	15 0 C	15 0 0		18 5 0	18 5 0	11 0 0	10 10 0	10 10 0	8 0 0	949444	901 104	504
dirajganj		011500	B\$0.000	200000	000049	******	******	***	******	*****	024024	444611	9-19
Rampur	994	(4)	(4)	04-04-08	13 0 0	14 0 0	7 8 0	13 0 0	18 0 .0		440.000	******	***

			JUTE.			GH BK.			Hides (cow).	
Marte.		Present return.	Next preceding return.	Corresponding return of last year,	Present return.	Next preceding return.	Corresponding return of last year,	Present return.	Next preceding ruturu.	Correspond return of h
		70	71	72	78	. 74	75	76	72	70
		Ba A. Pa	Rs. A. P.	Pa. A. P.	Ru. A. P.	Rs. A. P.	Ra. A. P.	Ra. A.P.	He. A. P.	Hs. A.
Calcutta	441	12 0 0	12 0 0	12 0 0	78 0 0	78 0 0	70 0 0	450 0 0	Par 100 pieces. 450 0 0	450 0
Chetta Hat	988	W44 ++>	*****	944.9		******	435.104	891000	*****	402101
durdwan	***	(a)	(a)	(4)	93 0 0	76 0 0	65 0 0	(41	(18) ******	40 0
Kalna	-	441011	D+10%4	*****	007505	******	mon .		DEF++4	011918
lianiganj	***	640 .	. ******	500.001	200 504	*** - **	*****	1	430.004	010 007
Midnapore	840	B 4 0			86 0 0 to 95 0 0	10 0 0 0	75 0 0	480 0 0	425 0 0	275 9
Ohittagong		*****	864 555	*****	90 0 0	90 p g	to 60 0 0	425 0 0	doned pieces per	258 6
Ohandpur	444	3 8 0	3 8 0	5 12 0	*****		******	00000	001.000	mar 100
Daoca	bat	to 10 B G	to 12 0 0	to 9 8 0	79 0 0	80 8 0	64 0 0	*******	B00764	201 000
Narayangsuj	800	4 0 0 to 8 0 0	5 C O	7 0 0 to 11 0 0	204 400	* *******	200 000	410044	915 900	
Mymonstugii	691	4 0 0	6 0 0	6 0 0	000000	*****	\$40.0mg	800 000	004 +00	940 100
Madaripur .	0.3 0	to 10 0 0	3 8 0	3 0 0	basses at	400.11	Bell 500	221.064	010 110	-
Pabna	000	to 11 4 0	to 12 4 0	10 11 0 0	76 0 0	76 0 6	107 0 0	286.144	00000	***************************************
Sirajganj	101	4 0 0	4 8 0	500	** ***		******		000170	Per piece
Raugpur	242	to 6 0 0	10 7 0 0	10 7 0 0	72 0 0	78. 0 0	65 0 0	Por piece.	Per piece.	4.0

Wholesale prices-current of lood-grains, salt, etc., in the undermentioned marts of Bengal for the second-half of November 1918.

			IROF.			SALT.		1	KEROSENE UIL	
Marts.		Premant return.	Rext proceding roturn.	Corresponding return of met year.	Promont return.	Next preceding return.	Oor reponding return of fact year.	Present return.	Noat proceding return.	Corresponding return of han year.
		79	90	81	82	88	84	88	86	87
		Re. A. P.	Ba. A. P.	Hs. A. P.	Ro a. r.	Re. A. P.	Rs. A. P.	Hu, A. P.	Rs. A. P.	Bo. A. P.
Jontin	000	9 6 0		25 0 0		. 2 6 0	3 12 0	3 15 0:4	3 13 D(a)	.2 2 0
etla Håt		174 504	99.449	14 pec 1	705.000	** ***	040***	90000	*****	600004
erdwan .	400	16 8 9	16 0 0	12 0 0 to 25 6 6		3 8 0	3 8 0	3 2 0(8)	3 2 0(6)	3 3 9
hin	404	20.7.2.24	0.0 764	060.001	89 F 11	aa. 200	*****	44344	,	*****
niganj	400	400 000	200 000	h#4+4+	*****	401.000	844.44		******	144 110
iduapore	009	to 18 0 0	to 16 0 0	10 20 0 0	3 10 0	3 10 0	3 10 0	4 2 0(d	4 2 0(4)	4 3 6
ittagong	000	20 0 0	20 0 0	26 0 0	4 0 0	4 10 0	3 8 0	8 0 0(e	3 0 0(c)	2 6 0
nadpur	6+1		844710		******	5 <u>95</u> 041	001.850	*****	*****	******
8201	900	410.000	400 > 10	44***	4 0 0	4 8 0	4 4 0	4 2 0(4	4 1 6(d)	.4 8 0
irayangan j	000	000000	040+04	500029	049 000	******	601 00	Sec 1994	******	*****
mondugb	206	*****	04400	******	0.200	*****	000.00	64.900	*****	400 444
ndaripur	0.04		00001	. 202142	444 ** 4	*****	420004	040400	224700	000 000
bua	***	16 0 0 to 18 0 0	16 0 0 to 18 0 0	20 0 0	400	4 0 0	4 0 0	4 3 90	4 3 0 (d)	3 14
rajganj	100	*****	00 550	010 bes	******	405.44	*****		*****	g++64
ugpur	844	28 0 0	92 0 0	22 0 0	4 0 0	4 0 0	4 6 0	4 4 0(/	() 4 4 O(A)	4 10

(a) Monkey brand. | (b) Rising Sun. | (c) Monque. | (d) Bisphant. | (4) Gold Mohur.

	-		MUSTARD OIL.			PIREWOOD.			OOAL (BERGAL) a
de Marta.		Present return	Neat preceding	Corresponding return of last year.	Present return.	Next proceeding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.,
	-	88	89	00	ÞI	93	93	96	9.5	96
		Rs. A. P.	RM. A. P.	Rs. A. P.	BE: A. P.	Still. A. P.	Bs. 4. P.	36. A. P.	86. A. P.	R0. A. P.
njestia	190	25 0 0	35 0 0	25 0 0			100	*****	PAG +4P	902 040
botin Håt	884	997.400	20244	919003	200 001	\$22.00m	200.000	0 8 0	0 8 0	0 8 0
Burdwap	081	34 0 0	34 0 0	29 0 0	0 8 0	0 8 00		070	070	0 8 8
i aima	i		40.014	p4=010	9,0044	\$20.000	494.714	0 9 0	0 9 0	
	***				001000	*****	******	019	0 1 9	033
Ranigary Midnapore	902	40 0 0 to 41 0 0	38 0 0	32 0 0	0 7 0	0 7 0	070	*****	34-448	\$1 < 0 ± 0
Chittagong	400	40 0 0	40 0 0	20 0 0	*****	405,014	469.000	P+100M	400 222	040 000
handpur	400	200,500	400.000		048000	*****	******	******	0.00 169	****
Pacen		28 0 0	39 8 0	33 0 0	241402	0.0120	4+****	*****	******	800010
farayanganj	401	000000	******	***************************************	****	444000	404 104	214 049		*1 ***
Cymensingh	801	941044	*****	******	100000	804104	00'111	526441	800 per	138 BVB
Kadaripur	807	*****	1	502.007	000000	ese » M	disco.	110 440	420 for	010000
Pabpa	***	38 0	41 0 0	29 6 0	20000	04444	po 6 0 0 7	005/419	449.044	******
irajgaoj			******	ape mr 6	000000	900 444	******	201005	- 044 644	000102
gesthan	800	40.0	40.0	25 0 0		*******	030 000	\$4 HPG	an ook	400 000

DACCA,
The 9th December 1919.

J. C. Roy.
for Director of Agriculture, Bengal.

Prices-current (retail) of food-grains, sait, etc., in the districts of Bengal for the second-half of November 1919.

) T					QUANTI	TY PRI	RUPE	K IN SEP	cies of	RIGHTY	TOLAS.				
			ļ.	A verage		N RICE.	Olieapaut			nati (f) redictes)		OAINA	(DAL) OF N 1'KA (C Indicus).	Tuen.		SALT.	
*		DISTRICTS AND MARTS.		preceding return.	Petorn		preceding reture.	retara	return.	preceding return.	nding return	retura.	preceding roturn.	miles reture	eturn.	preceding return.	oding return
DIVISION	Number.		Premut return.	Next pre	Corresponding of last year.	Present return	Next pro	Corresponding of last year.	Present	Next pro	Corresponding of last year.	Present	Next pro	Corresponding of last year.	Present naturn	Next pro	Corresponding of lesting car.
		34-Parganas.	В. Сп.	8. CH.	8. On.	8. On.	s. on	S On.	8. 08.	8. Ott.	8. 011.	8. On.	8. On.	S. OH.		S. CH.	8. 0
-[2	Obetla Håt	5 11	5 1	3 14	6 13	5 5	7 8	4 9	4 9	4 9	3 10	3 6	4 18	10 10	10 10	10 1
	3	Calcutta-Belingiata	4 13	4 13	6 10	6 6	6 6	8 0	(a)	(a)	(a) 4 7	4 0	4 0	5 14	10 0	10 12	11
									-								
	6	NADIA.	5 11	5.0	6 7		5 5	7.4	3 4	3 4	4.0	2.4	3 4	4.0	13 0*	12 0	10
	B	Ranaghat	4 8	4 8	6 12	5 12	5 8	7 4	3 2	3 2	6 4	3 8	2 8	5 4	10 8		
PRESIDENCE.		MUNGHLDAHAD.															
Q V	6	Borhampur	5 12	4 8	6 12	6 0	4 12	7 0	5 0	4.0	3 0	4 0	4 0	8 4	13 0	13 0"	
PR	7	Kandi	8 0	5 6		6 12	5 6	8 4	4 4		4 0	4 0	4 0	5 8	10 8	10 8	
	8	Jangipur	5 8	6 0	7 8	6,8	6 0	8 0	3 8		205	3 8	3 8	7 0	13 0	13 0	
		JESONE.											i				
1	9	Sadar	6 0	5 8	7 0	. 6 6	8 12	. 0	2 8	3 4	8 0	3 0	3 4	8 0	11 4	11 4	19
	10	Bangson	4 2	4 0	6 10	5 16	8 11	7 0	2 11	2 11	4 0	3 9	3 9	4 15	11 4	11 4	11
		REULNA.															
	11	Sadar	4 4	4 14	8 0	4 4	4 14	8 4	3 8		7 8	3 8	3 8	4 8	10 4	9 0	
(22	Bagerbat	5 4	8 4	6 2	5 10	6 10		5 0	8 0	5 4	3 10	3 10	5 4	9 0	9 0	
,		BURDWAN.		1		1		1									
. [18	Sadar	8 0	4 10	7 8	5 8	8 0	8 0	4 8	4 8	3 12	3 18	3 12	5 0	10 8	10 8	10
Н	14	Kaina	4 0	4 8	7 0	4 12	5 2	7 4	3 10	* *	6 0	3 10	3 5	8 4	10 0	11 0	10
		BIRBHUN,								1	1						
1	16	Rampur Håt	6 6	5 0	7 0	7 0	5 8	7 8	6 0	4 8	4 0	3 8	3.4	5 8	12 0	11 0	10
														-	10 0		
	47	BANKONA.			7.8		5 12				2 12		4.0	5 0	11 0	11 0	10
A K	18	Viahuupur		6 0	7 0	7.4	5 6	8 0	4 4	4.0	5 0	3 4	3 8	5 0	10 8	10 8	
BURDWAK.		MIDNAPORB.			6.												
	18		6 0	4 11	0 1	6.5	5 0		3 4	2.4	4 0	2 4	3 4	4 0	10 0	10 0	
ı	20	Contai	4 8	0.40	7 8		5 0										10
-	20		-	4 18	-			8 0	8 0	8 0	7 8	3 0		7 0	12 0	11 8	
1		Hoogith.															44
	31	Sadar	6 18	6-12	7.8	6 0	5 0	7 10	4 D	4 0	4 0	3 8	4 0	5 0	10 12	10 10	11
				3 101				,								!	
	22	Hownan.	5.4	4 4	5 0	6.0	6.0		4 8	4.0		4.0	4 3		40 0	11 0	11
-	34	Vioboria	4.8	4.0	6 12	5 10	5 0	7 4	4.0	4 0	4 D	3 10	3 10	4 0	11 0	11 0	11
		RAJERAUI.					1										
:		Rampur-Boalia	5 10	4 10	8 4	6 0	4 12	9 0	4 8	4 8	6 4	3 8	4 0	54	9 12-	9 18"	
RAJERA EL.	26	Nator Dinajpur—Hailway	4 18	4 14	7 13	5 4	5 4	9 0	4 0	3 13	6 0	4 0	4 0	7 14	9 8	10 0	8
RAJ		Basar Hat.	4 18	4 18	7 14	0 8			3 13	- 12	4 12	3 8	3 3	5 0	10 0	10 0	
1	28	Jalpaiguri-Badar	.4 4	4 4	8 0	5 0	5 0		4 0	4 0	5 4	3 18	3 12	5.4		3 8	

(a) Not available.

* Earkatch.

prices-ourrent (retail) of food-grains, sait, etc., in the districts of Bengal for the second-balf of November 1919—concid.

			-					HOLER								
			Vernge.	COMMON	•	heapest.			Dat. (Pha adiatus),	пасовия	ABHAR (I UADJAN				SALT.	
Rumbier.	DISTRUCTS AND MARTO.	d its	Next preceding return.	Corresponding return of last year.	Present retura.	Next preceding return.	Overveponding retarn of last year.	Present return.	Next preceding return.	Corresponding return of ind year.	Preent return.	Next preceding raturn.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of
	DARJEBUARG.	8. cm.	8, cn.	Э. си.	8. cm.	P. CH.	8. сц.	R. GH.	8. cit.	в, ен.	8. CH.	S CR.	e. on.	8. cn.	8. OR.	8.
22	Radar	3 12	3 18	5 4	4 8	4 8	8 0	2 12	9 18	4 0	2 12	2 12	4 0			
30	Siliguri	H	4 5	. 0	5 0	6 8	9 0	3 8	3 8	7 8	3 8	3 3		8 0		
	RAMOPUR.								-							
31	Badar	3 6	8 6	7 0	4 4	4.4	8 0	3 12	3 12	4 8	3 0	8 0	5 0	9 0		
23	Nilphamari	4 0	4 7	8 0	50	4 11	- 8 8	4 0	4 0	5 12	3 5	3 5	5 2	10 0	9 12	
33	Bogra-Badar	5 12	3 6	6 8	8 4	3 14	8 10	3 9	3 9	8 0	3 9	* *	4 6	9 19	9 18	10
	PARNA.															
34	Sadar	5 4	5 4	7 8	6 0	5 8		3 14	3 14	***	2 0	8 0		11 8	11 8	10 8
36	Sirajgun)	4.4	4 4	6 12	4 8	4 12	7 12	4 0	4 0	6 0	3 8	8 8	6 0	8 0		
	MALDA.					1										1
36		4 12	4 8		6 0	8 D	4 00	5 0	6 0	5 0		4 0	5 0	12 0	11 1	P 8
37		4 12	4 12		6 0	6 0	10 0	5 0	5 0	6 8	3 8	3 8	***	11 8	9 11 1	0" (0
		!							1						1	
816	Badat	4.8	4 2	5 2	6 8		6 19	4 0	4.0	2 19	4 0	4 0	4 8	10 0		
39		4 8	5 4	6 12	4 8	5 4	6 8	(n)	(n)	(n)	(n)	4 0	(n)	9 0		0 .0
											1					
	Mymmusings.	4.0		1 - 1	4.4	4.0		4 0	4 0			4 0	5 4			0 1
40		4 8	4 10	8.0	6 6	6 4		5 4	5 0		3 8			10	9 10	0 8
41	Netrokona		1.0												1	
	PARIBPUR.						1			}		1				
41	Sadar	4 12	4 0	6 12	6 0	4 12	7 8	4 0	4 4	4 6	3 0	1 2		10	10	0
61	Rajbari		8 1	8 4	5 12		8 12	4 0	4 3	-			- 0			
	BARANGAND.	1					: !					i			-	
44	Barioti	4 0	4 0	6 2	4 4	4 4	6 11	54	5 2	04 1	8 4	3 8	4 9			
46	Pirojpur	3 12		7 0	8 14	3 13	7 6	4 0	* *	400	(m)	(4)	4 18			•
	TippERA.															
46	Comilia g	5 0	3 19	6.0	6 3	6.0	7 1	4 8	4 8	5 0	3 0	3 0	4 -8	8 (8	0 1
67		3 14	4 6	5 0	5 4	5 8	6 1	3 10	3 10	8	2 3 4	3 0	8 4			
1	NOAEMAIJ.						į.									
46		5 0	4 8	7 0	6 0	6 8		6 8		4		3 4		9	9	
41		- 40	4 8	7 13	7 0	8 0	8 15	5 0		8 ((n)	(n)	(m)		9 0	0 1
	(Output and the				-	1		1								1
84	OHITAGONG.	-			7 0	7 0		4 0	4 0	4	3 12	3 19	5 0	10	0 8	0 10
8		6.0	6 6	10 0	(4)	(n)	11	4 0	4 0	14	3 4	3 4	4 0		0 8	0 1
61	Ohittagong Ilil			60	6 0		7 (4 9	4 0	. 3	4 3 9	130	4 8			0 1
1	Traute-Rangamati.		1	1			,			1 .	-	1			1	1

J. C. Rox, for Director of Agriculture, Bengal.

DACCA The 9th December 1919.

IRRIGATION DEPART

Statement showing heights over mean sea-level and low water in the October 1919, and the highest reading of each gauge over

		i								Rive	R GANGE	8.
		Zero	Mirzapo of gauge	co. 106-22 ft.	Zero	of grants d'80 fc.	Zero	urat. of gauge	Zero e	apore. of gauge '83 ft.	Monghyr. Zero of gauge 101°83 ft.(a)	
	-	Distance in mlies.		n Allaha- nd 16.	Prom Allahar bad 134.	Allaha- Mirzapur		From Bouares		Prom From Bunar 177, 87.		Prom Dinapore 110,
Dat	0 .	Highest gauge reading. 2nd September 1916. 265'97.		2nd September 1916. 244'80.		b.	4th Septem- r 1916, 09-30.		ember 1901. 69*73.	8th September 1901. 189'60, S9th April to 8th May 1914. 96:00.		
		Lowest gauge reading.	26th .	28th June 1897. 187-20.		1st May 1877. 182°80.		105h to 14th May 1914. 160-80.				pril 1918.
			Height Dver mean see-level.		Height over measures, sea-level,		Height over	Height over mean see-level.	Height over zero of gauge.	Height over mean sea-level.	Height over- nero of gange,	Height over ment nea-lovel.
1		1	8	4	•	6	7	. 0	0	10-	11	18
st			14:92	221.14	14:50	211:30	15:67	183-22	18:00	152-23	12:17	114:00
nd	***	•••	14.79	221 14	14.25		15.67	183.32	17.70	151 93	12.67	114.50
rd	400	***	14.28	220.80	14 25	211.05 210.80	15.67	183-22	17.70	151.93	13.17	115:00
th	***	***	14.42	22034	14'00	210 80	15.20	183:05	17:60	151.93	12.97	114'80
th		***	14.67	220.89	14.08	210 88	15.50	188 ()5	17:50	151.73	12.67	114.5
th		***	15.83	222.00	14:00	210 80	15.28	183-13	17:40	151.63	12.67	114:50
th	0 0 0	104	17.17	223.39	16.83	213.63	16.75	184:30	17.60	151.83	12.87	114.70
Llı	.00	0 = 0	16:92	223.14	17.17	213.97	17.75	185:30	18:70	152.93	13.17	115:00
th		0.00	10:17:	222.39	16.50	213.30	18.00	185.55	20.30	154:53	14'17	116.00
Oth	***		15.20	221.72	15.83	212.63	17:50	185.05	20.60	154.83	14:47	116:30
1th	100		14.83	221.05	1510	211.80	16.67	184-22	20 40	154.63	14.67	116 50
201	600	***	14.08	220.30	14.38	211:13	16.00	183-55	19:60	153.83	14'47	116.30
Bth	000		13.33	219.55	13.42	210.22	15:42	182.97	18:80	153.03	14.47	116:30
4th	***	1	12:83	219.05	12.83	209.68	15:17	182.72	18:10	152.33	14.17	116'00
5th	***	***	12:33	218.55	12.25	209.05	15.00	182.55	17:40	151.63	13.17	11500
6th		***	12.00	218.22	11.92	208 72	14'67	182-22	17:00	151.23	12 47	114'30
7th	*2*	***	11.67	217-89	11:42	208.22	14:33	181.88	16.50	150:43	1147	113.20
8th	0.0	1 000	11.33	217.55	11.17	207:97	14.00	181-55	16:20	150.43	11:47	113:30
9th		***	11:00	217.22	11.52	208 05	13 67	181-22	15.90	150.13	11.07	112.9
Uth			10.67	216.89	10.42	207-22	12.17	179.72	15.60	149.83	10 67	112.50
1et		000	10.33	216.55	10.00	206.80	11.88	179.38	15:40	149.68	10 17	112.0
2nd 3rd		0.00	10.00	216 22	9.58	206:38	11.50	179 95	15:00	149.23	10.47	112 3
4th	***	000	9'75	215.97	9.17	205-97	10.67	178.63	14.70	148.93	9:87	111-7
5th	***	***	#9·58 9·37	215.59	8.75	205·80 205 ·55 .		178.22	14.70	148-93	9:17	110.7
6th	0.00	140	9.21	215.43	8400	205:30	10 67	178.22	14.50	148.73	8:87	110.3
7th	***	440	9.04	215.26	8:25	205:05	19:42	177.97	12:70	146 93	8:17	110.0
8th	***	***	8.92	215.14	8.08	203.03	10.00	177.55	12.70	146.93	7.77	109.6
9th	***	010	8.83	215.05	7.92	204.72	9.50	177.05	13.30	140 53	7.57	109'4
Oth	400	440	8.79	215.01	7.75	204.55	9.50	177.05	13.20	147.43	8:17	110.0
Int	***		8.75	214.97	7.58	204.38	9:50	117.05	13.30	147.53	8.27	1104

^{*}New gauge fixed at Rajmahal from 1st June 1910 in place of the gauge at Sabebganj. The zero of gauge at Rajmahal 56:45 ft. above M. S.-L. from 10th Kebruary 1916 to 15th June 1918. From the 16th June 1918 to 5th April 1919 April 1919 it is 56:39 ft. above M. S.-L.

*To compare the reduced levels shown in these monthly printed statements before and after the 1st June 1908, 5:78 ft.
October 1909).

(a) A new gauge fixed at Monghyr on 16th July 1914.

(b) From the 1st November 1915 the zero of gauge was 2:48 ft. above M.S.-L. Previous to that the zero was at M.S.-L. zero is 1:500 ft above M.-S.L.

(c) From the 25th January 1916 to 4th April 1919 the zero of gauge at Berhampore was 30:99 ft. above M.S.-L. From (d) From the 25th October 1916 a temporary wooden gauge with its zero at 49:00 ft. above M.S.-L. was erocted at 3rd June 1919. From 4th June 1919 the zero is 1:51 ft. above M.S.-L.

(e) Gauge shifted from Sabik Goalundo to Fakirabad from 30th June 1919.

MENT, BENGAL.

rivers Ganges, Bhagirathi, Jalangi and Brahmaputra for the month of M.S.L. as well as the lowest gauge-reading since 1876.

					-		BHAQ1.	RIVER 2	ALANGI.	HEVER B		
Zero e	mahal, a of gauge 319 fc.	Zero of	Boalia. gauge lt.(d)	Goal mile, (r) Zero of gange is at mean sea-level.		Zare	ampere. of gauge 99 (c)	Zero of	(411j.(5) Kaugo 509.	Gauh Zero of 185-1	Runtffa	
From Hennres 407.	Fro n Monghyr 120.	ghyr Benares Rajmahal			Bonares Boalia 170.		•	0		,		
	19111 1913. 8'46.	96th Aug	70mt 1879. 25.	28th Aug: and 14th 5 ber 1915.	-quotque		gust 1890.		mber 1900.	\$4th August 1906 281*11.		
and h	Iny 1910. 4'6%.	1919. 23rd April 1886.		28th March 1910. 2°28.		19th to 24th April 1917. 22'10.			rch 1915.	9th February 1888.		
Height over mean sero of gauge.		Meight over gare of gauge,	Height over mean sea-level.	Height over zero of gauge.	Height over monn sea-level.	li light over zero of gauge.	Height over mean nex-level.	Heinht over zero of gauge.	Height over mean son-level.	Height over rare of gauge.	Height over monu- ma-level.	
18	16	16	16	17	19	19	30	81	12	18	24	
16:20	72:519	50:49	52.00	19:40	19:40	9 60	42.099	15.96	17:469	22:90	158:08	
15.80	72:119	-	51.70	19:10		9.10	41.599	15:39	16 899	22.20	157:38	
15.45	71.769	49.69	51.20	19.00	19 00	9.10	41.599	15.22	16.729	21.90	157:08	
15.25	71.569	49.49	51.00	18:80	18.80		41.599	14.89	16.399	21.60	156.7	
15.25	71.569		50.70	18:70			41:499	14.50	16.009	21.60	156.7	
15.25	71.569	49 09	50:60	18:60	m		41:399	14:16	15.069	21.90	157.0	
15.10	71:419	48.89	50.40	18.60			41.099	14:20	15:709	23-20	158.3	
15:15	71.469		50.25	18:50			40.499	13.88	15:389	24.60	159.7	
15:40	71.719		50.25	1840			40 299	13:47	14.979	26.50	161:6	
15:90	72.219		50.55	18:60	-	1	41.099	13.16	14 669	27:10	162-2	
16:70	73.019	49.39	50.90	19:00			1	13:13	14.639	27:50	162.6	
17:20	73.219		51:40	19:30			41.699	113 79	15.299	27.50	162.6	
17:10	73.419	50:19	51.70	19.60		1	12:099	14.48	15.989	27 30	162.4	
16.60	72 919	49.89	51:40	19'80			42.099	14:48	15.989	26.90	162.0	
16.00	72:319		50.90	19.80		-	41:799	13 93	15:439	1	1616	
15:40	71.719		50'40	19.70			41:699	13.14	14.649	25.40	160.5	
14:80	71.119		49.90	19:60			41.699	12.24	13.749	24.50		
14:20	70.519		49.40	19:30	1	,	41-499	11.38	12.889	23.40		
13 65	69:969		48.95	19:00			40.699	10.62	12.129	22.10		
13.10	69-419		48 50			1 0 00 -	1 89:599	10.03	11.529	21:70		
12.60	4 68.919		48:00	18:30			37 899	9.62	11.159	19.50		
12:20	68.219		47.80	17:90	1		37:399	9-29	10:799	17:30	152.4	
11'80	68.119	1 "	47 45	17:50			37:199	-8.82	10:329	16.80	151.9	
11.20	67:819	1	47.10	17:20			37.099	8-56	10.069	15:40		
11.20	67.519	1	46.90	16.90		1	36.399	8:24	9 749	15:40	150.5	
10.90			46.60	16:40	1		36.199	7.71	9.219	14.90	150:0	
10.70	67.219		46.40				35.799	7.36	8.869	14.30		
	67'019		46.10				35.799	7:36	8.869	12:40	147:5	
10.40	66 719		45.80		1		35 299	7:38	8.889	12.20	147.8	
10-20	66.519		45.65				35 099	7.10	8.609	11.90		
10.00	66.319				1	-	35.099	6.62	8-129)		
10.10	66.419	44114	45.65	14.00	1 6 9 U	1 4 UU	. 13.7 040	004	0 100	0000		

was 56:46 ft. above M.S.-L. up to 26th October 1915 and 60:00 ft above M.S.-L. from 27th October 1915. The zero was again it was 54:31 ft. above M.S.-L., from 7tl. to 15th April 1919 it was 56:32 ft. above M.S.-L., and from 16th should be dedunted from the former or added to the latter (vide Bengal Government letter No. 1068T.-I, dated the 12th dating back 15th July 1897. Zero was at M.S.-L. from lat April 1918 to 13th April 1919. Again from 14th April 1919 the

5th April 1919 the zero is 52:499 ft above M.S.-L. Rampur-Boalia in place of the permanent gauge washed away. The zero of gauge was at M.S.-L. from 25th June 1918, till

G. J. St. C. SEDGLEY, Under-Secy. to the Govt. of Benyal.

Statement showing the gauge-readings at Davon Water-works Station on the river Buriganya for the week ending the 28th November 1910.

70.0		AT HIGHEST	T WATER.	AT LOWIN	WATER.	Attr.M.	Remarks
Dates	At 7 A.M.	Time.	Rendings.	Time.	Readings.	ateria.	Account to
1919.			1				
3rd Nov.	56.72	10-40	57.5	***	0.00	56.64	E. T. at 11-15.
24th ,,	56.20	11-18	57:35	6-20	56.4	56.5	F. T. at 6-30, and R. T. a. 11-30.
25th	56.30	11-50	57.18	7	56.3	56.72	F. T. at 7-10 and E. T. at 12.
26th ,;	56.4	12-20	57.0	785	56.3	56.7	F. T. at 7-45 and E. T. at 12-85.
27th ,,	56.3	1255	56.9	812	56.8	56*7 .	F. T. at 8-25, and H. T. at 18-15
28th ,,	56.0	13—25	56.8	8-45	56'25	56-1	F. T. at 8-35 and & T. at 13 33.
29th ,,	55.48	140	56.2	9-30	55.2	55.6	F. T. at 9-40 and R. T. at 14-12.

Notable high and low water-levels of previous years.

					-	_	
27th August	1906	244	***		100	70:5	1
5th September	1809	000	202	040	***	67.86	
10th August	1910	480	000	***	***	67.86	dr.
18t ,,	1911		44.0	+10	400	68:46	
13th ,,	1912	400	oqs	11.0	44.0	67:16	Taken at high tide.
31st ,,	1916	***	204	444		67.7	
18th ,	1916	+++	+++	***	100	68:1	
12th ,,	1917	400	000	100	000	67.1	1
31st ,,	1918	000	***	***	400	69.12)
23rd February	1907		000	0 4 9	9 = 0	51.06	
13th "	1908	0+8	000	444	204	61.06	
12th March	1912	0.00	000 /	***	***	51.06	
6th ,,	3934	404	000	, rice a	600	50.60	Taken at low tide.
"2nd February	1916	00.0	***	447		60:30	Takon at ton ander
16th n	1916		494 7	400	464	10.00	
3rd March	1917	0.0 4	1.5.5	44.8	4+4	61.0	
21st February	1918	44+	***	100	+64	51:40	}

DACCA,

The 4th December 1919.

W. J. KERR,

Executive Engr., Dacca Division.

Statement of Weekly Gauge-readings on the River Ganges at Rampur-Boalia for the week ending the 6th December 1919.

***************************************	Date.	Hour.	Height of surface above or below zero: mfmu sign for thos: below zero.	Height of surface above mean sea- level seco-ding to P. W. D. datum.(s)	Height of au face above mean sea- love on the same date last year according to P. W. D. datum,(a)	Нешигки.
30th lat 2nd 3rd 4th 5th	19 99 29	 8 A.M. 8 11 8 11 8 19 8 11 8 19	Zero of gange is at mean sea lavel.	41'60 41'50 41'40 41'30 41'20 41'10 41'00	40°21 40°16 40°11 40°01 39°91 39°81 89°71	B. M. on College step corrected, 64 98.

(a) P. W. D. datum 6.25 feet above Kidderpore old dock dill.

						Old value.	٠		Coording to
The previous	year	***	Highest	water-level	100	66:52 on 30th August 1918		***	61.71
Ditto		100	Lowest	17	000	41:70 on 21st April 1918		100	36:89
Record		100	Highest	59	464	69 25 on 26th August 1879		494	64.44
Do.		P90	Ditto	go.	4+0	69:08 on 9th September 1865		224	64-27
1) o.		100	Ditto	29	+4.0	68:30 on 25th August 1906		100	63.47
Do.			Ditto	99	100	68'21 on 26th August 1890	- 1	44.0	63:40
Do.		***	Lowest	79	098	87:68 on 25th April 1884		***	32.82
Do.		***	Ditto	19	142	88 18 on 14th-15th April 1888		***	83.82
Du.			Ditto	57	000	89:02 on 21st-22nd April 1697		000	84 21
Do.			Ditto	33		39:28 on 6th-7th May 1908		***	84:47

N.B.—The gauge-readings commenced from 1st August 1887.

BOALIA,
The 6th December 1919.

M. SENGUPTA,

Executive Engineer, Rajshahi Divn.

Statement of weekly gauge-readings on the rivers Sanges and Brahmaputra for the week ending 6th December 1919.

Mouth and date.	Hour.	Height of surface above or below zero of gauge.	linight of surface above mean sea-level.	Height of surface above mean sea- level on same date last year.	Remarks.
1919. 30th November 1st Decemeer 2nd , 3rd , 6th , 6th ,	7 A.M. 7 7 7 7 7 7 7 7	11'3 11'1 11'0 10'9 10'8 10'8	11:3 11:1 11:0 10:9 10:8 10:8	10°1 10°0 9°9 9°8 9°7 9°7	Zero is placed at mean sea-level. The bench mark for the gauge is or a pueca pillar between the passen ger ghât and Chandpur ghât. Its reduced level is 22°11.

The previous year		***	Highest water		•••	25-2 on 1st September 1918. 5-8 on 9th March 1918.
Record (H.F. in	Brahmapu		,	*		
and Ganges)	***		Highest ,	19		25:75 on 28th August 1910.
Record (average Brahmaputra and	Ganges)	in	Ditto	11		25:74 on 20th and 21st August 1898.
Record (H.F. it	Brahmapi	utem				As as a season of the America and an Int
and Ganges)	211	200	Ditto ,	2	465	25:66 on 11th to 17th and 31st August and on 1st
Record (H.F. in	Brahmapi	itra				to 3rd September 1889.
only)	950	100	Ditto	99	000	
Do.	000	000	Lowest	17	681	1.0 on 8th February 1914.
Do.		***		39		2:42 on 13th March 1908.
110.	400		Thise	b	***	2.91 on 21st to 24th February and 8th to 9th March 1884.
()0.			Ditto			8-16 on 9th to 11th March 1885.
Ilo.	***	100	Ditto	33		3:16 on 16th, 17th and 29th to 81st March 1901.

FARIDPUR;

The 8th December 1919.

R. K. GHOSE,

for Subdivisional Officer, P. W. D., Faridpur.



The Calcutta Gazette

WEDNESDAY, DECEMBER 24, 1919.

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OFFICIAL PAPERS.

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RESOLUTION ON THE ANNUAL PROGRESS REPORT ON THE FOREST ADMINISTRATION IN THE PRESIDENCY OF BENGAL FOR THE YEAR ENDING THE 30TH JUNE 1919.

GOVERNMENT OF BENGAL.

REVENUE DEPARTMENT.

Foresta Branch.

CALCUTTA, THE 19TH DECEMBER 1919.

RESOLUTION-No. 9655For.

READ-

The Annual Progress Report on the Forest Administration in the Presidency of Bengal for the year ending the 30th June 1919.

READ ALSO-

The corresponding report of the previous year and the Government Resolution thereon.

SIR HENRY FARRINGTON was in charge of the Bengal Forest circle throughout the year. He was on tour for 289 days and inspected all the

divisions and divisional offices except Darjeeling, which was inspected after the close of the year. During the year Messrs. L. E. S. Teague, Deputy Conservator of Forests, and J. M. Cowan, Assistant Conservator of Forests, were released from military duty, but Mr. A. R. Nicholson, Deputy Conservator of Forests, remained on that duty throughout the year.

- 2. Changes in area and administration.—The only real change made in the area under the different classes of forests during the year was due to the notification of several areas aggregating 4 square miles in the Darjeeling, Jalpaiguri and Buxa divisions as reserved forest. The total area of all classes of forests, however, decreased by one square mile to 10,701 square miles owing to the recalculation of the areas of the Sitapahar reserve and of the Lebong Cantonment protected forests.
- 3. Reservation and demarcation, -Apart from the four square miles mentioned in the previous paragraph no progress has been made in the final notification of the proposed Ramshai, Khairbari and Torsa reserves owing to lack of funds. Repairs to 1,323 miles of boundary were carried out against 1,260 in the previous year. There still remain 124 miles of boundary to be demarcated, of which 90 form the provincial boundary between Bengal in the Chittagong Hill Tracts and Burma. It is important that this work should be completed as soon as possible.
- 4. Working-plans,-The revised working scheme for the Kurseong division for the year 1919-26 was sanctioned early in the year. The revised working-plans for the Jalpaiguri and Buxa divisions were completed. During the year the compilation of working-plans for the forests in the Chittagong and Chittagong Hill Tracts divisions was commenced. Plans now exist or are under compilation for all areas for which they are required except for 64 square miles.
- 5. Communications and buildings.—One mile of cart road and seven miles of bridle-path were constructed during the year. It is satisfactory to learn that 12 miles of inspection foot-paths were also constructed in the Kasalong and Sitapahar ranges in the Chittagong Hill Tracts division and that they will be useful to the public. The total expenditure on communications amounted to Rs. 18,757 against Rs. 15,904 in the previous year. The total expenditure on buildings was Rs. 33,550 against Rs. 25,311 in 1917-18.
- 6. Protection.—The number of forest offences reported during the year was 3,694 as compared with 2,780 in the previous year. The increase is mainly attributed to increased vigilance by the subordinate staff owing to the grant of adequate rewards to them for the detection of offences, partly to the prolonged drought in the hot weather of 1919 leading to scarcity of fodder and consequently to unauthorised grazing partly to the large influx of tea garden coolies ignorant of forest rules into the Buxa and Jalpaiguri divisions, and partly to the greater expense of living. In 93 per cent. of cases taken into the court convictions were secured.

The area in which special measures for fire protection were in force increased from 367,854 to 396,606 acres, but the area burnt over amounted to 24,876 against 7,566 acres in the previous year. This heavy increase is mainly due to two large fires in the Haldibari and North Borojhar ranges, and is attributed to the unusually dry character, of the hot weather. Measures are under consideration for fire protection in the Chittagong and the Chittagong Hill Tracts divisions.

There it as been no change in the area open to grazing, which covers 4,747 square miles. The number of cattle impounded during the year was 7,021 against 4,720 in the preceding year. This increase is again attributed to the prolonged drought in the het weather and the consequent scarcity of

No definite conclusions can yet be drawn from the observations which are being conducted on the sal fungus. Extensive defoliation was caused by the sal defoliator in the Buxa division.

Damage to plantations by elephant, bison, pig and deer is being reduced to a minimum by the use of wire-fencing.

- 7. Exploitation.—No change was introduced into the system of disposing of minor produce. There was a large increase in the outturn of bamboos and of thatching materials, but a fall occurred in the revenues derived from grazing and from royalties for the lease of elephant mahals. Only 34 elephants were caught by licensees, of which 7 died. The amount of timber cut or collected by Government agency rose from 353,508 cubic feet in the preceding year to 644,887 in the year under review. This remarkable increase was mainly due to the supply of timber to the Munitions Board; but there are indications, for example the economical working of the Murti Saw Mill, that a more extensive use of the departmental agency for extraction would lead to larger revenues.
- Industrial investigation and commercial activity were two noteworthy features of the year under review. Mr. H. S. Gibson, Deputy Conservator of Forests, was placed on special duty under the Director of Industries to enquire into the industrial possibilities of the forests of Bengal. On return from leave Mr. J. C. Carroll, Deputy Conservator of Forests, was deputed as Forest Utilisation Officer to carry out further investigations; and Mr. J. A. Pilgrim, L.r.c., was deputed in the month of June last to investigate tannin materials in the Sundarbans. A lease of 120 square miles in the Buxa forests was given to Messrs. Davenport & Co. for the extraction of all trees other than sal by duly controlled fellings for the manufacture of tea chests and three-ply wood. Arrangements were under discussion for the grant of a lease of an area in the Kasalong reserve in the Chittagong Hill Tracts to Messrs. Andrew Yule & Co., for the extraction of bamboos for the manufacture of paper pulp. An application by the Acme Tea Chest Company for the grant of a lease to extract timber for three-ply tea chests in some of the reserved forests in Chittagong also came under the consideration of Government. No applications were, however, received from Indian capitalists.
- It is satisfactory to learn that the number of persons reported as killed by tigers was only 5 as against 14 in the previous year and 51, the average of the last five years. Thirty-five tigers including three cubs and a large proportion of females were killed as against 46 in the preceding
- 10. Financial results.—The results of the year's weeking were eminently satisfactory. The total revenue increased from Rs. 15,01,670 to Rs. 19,55,394, by over 4½ lakhs, due mainly to departmental working in connection with the production of munitions. At the same time the expenditure increased by only a little over half a lakh from Rs. 7,71,124 to Rs. 8,33,634. The surplus amounted, therefore, to Rs. 11,21,760 against Rs. 7,30,546 in the previous year.
- 11. Quinquennial review.—The Government of India in their circular No. 1F.-31-1, dated the 17th January 1912, desired that the orders of Local Governments on the Forest Reports for the years in which a quinquennial review was issued should be accompanied by a brief review of the events and changes of the preceding five years so as to indicate the direction in which the provincial forest policy is tending. This review is due this year. An account of the main features of forest working during the quinquennium will, therefore, be found in chapter VII of the report of the Conservator. Except towards its termination the period has not been marked by any important development. This is due to the fact that it roughly corresponded with the duration of the war when industrial development, except that due to the war, was dormant, expenditure was reduced to a minimum, and new schemes were kept in abeyance. The average annual total receipts during the last five years have been Rs. 14,53,023 as compared with Rs. 14,63,702 during the period from 1909-10 to 1913-14, and the average annual surplus fell from Rs. 8,17,159 to Rs. 7,53,671. An increase of revenue is, however, now expected under the agreements made or under consideration for the working of different forests by commercial agency as well as by a more extended use of the departmental working which led to such a large increase of revenue in the last year of the quinquennium. There has been little

change in the areas under the different classes of forests. Working-plane still cover nearly half the forest area, but working-plans for 1,625 more square miles are under preparation and the revision of others was undertaken. The feature of a revised scheme sanctioned for the Kurseong Forest division was the substitution of artificial for natural production of sal. Progress was made in the demarcation of boundaries. One hundred and seventyfive miles were artificially demarcated in the quinquennial period, but 124 miles still remain to be completed mainly in the Chittagong Hill Tracts division. Though there has been a reduction in the area under systematic fire protection during the period from 1,038 to 614 square miles, the forests have been successfully protected from fire. There has been no change in the average area of all classes of forests open to grazing; and protective measures to prevent the most destructive forms of grazing were continued in the Darjeeling, Kalimpong, Jalpaiguri, Buxa and Chittagong divisions. The average annual amount spent on roads, bridges, buildings and other works decreased from Rs. 87,853 during the previous quinquennium to Rs. 70,406 owing to enforced economies. During the period a reorganisation of the Imperial and Provincial staff providing an increased number of appointments was sanctioned; and subsequent to the close of the year the pay and prospects of the Imperial staff have been substantially increased as a result of a consideration of the proposals of the Public Services Commission.

12. The thanks of the Governor in Council are due to Sir Henry Farrington for his careful and efficient administration of the department during the year and for that part of the quinquennium, from the 7th January 1916, during which he held charge of the Bengal circle. His Excellency in Council notices with pleasure the Conservator's appreciation of the good work done by officers of the department during the year.

ORDER.—Ordered that this resolution be published in the gazette and that a copy, with a copy of the report, be submitted to the Government of India.

By order of the Governor in Council,

M. C. McALPIN,
Secy. to the Govt. of Bengal.

DEPARTMENT OF AGRICULTURE, BENGAL.

Final Forecast of the Bhadol Crops of Bengal, 1919-20.

(NOTE.—On an average of the five years ending 1917-18, the area under assume rice in Bengal has represented some 8.5 per cent. of the total area under rice in British India.)

Character of the season.—As stated in the preliminary forecast the weather conditions in the beginning of the season were generally favourable in West Bengal, but less favourable in North and East Bengal, owing to insufficient rainfall. Consequently sowings, which commenced at the usual time in West Bengal, finished somewhat late in North and East Bengal. Good rainfall in June favoured the growth of the crops. Heavy rainfall in July and in the early part of August caused damage in the districts of the Presidency Division, Hooghly, Bogra, Pabna, Malda, Faridpur and Bakarganj. Some injury by insects is also reported from the 24-Parganas, Jessore and Jalpaiguri. On the whole, however, the season was much better than last year.

Acreage.—The total area sown this year with the different bhadoi crops dealt with in the forecast is estimated at 5,827,800 acres against 5.933,300 acres reported in the corresponding forecast of last year. Of this, the area under autumn rice is returned at 4,961,600 acres against 5,066,600 acres of last year.

Outturn.— According to the estimates of the district officers, the total outturn of the different bhadoi crops works out to 85 per cent. of the normal as against 77 per cent. reported in the corresponding forecast of last year, and that of autumn rice only to 87 per cent. against 77 per cent. of last year.

Autumn rice.—Accepting 87 per cent. as the outurn of autumn rice this year, the gross outturn of the crop for the province, on the basis of a normal yield of 10½ maunds of clean grain per acre, is estimated at 33,299,400 cwts. against 30,095,600 cwts. reported in the corresponding forecast of last year.

R. S. FINLOW,
Offg. Director of 'Agriculture, Bengal.

DACCA,
The 12th December 1919.

APPENDIX I.

Final Forecast of the Bhadol Crops of Bengal, 1919-20.

ilet.	Names of crops.	Betimated normal area under each crop.		arna under crop.	of the	d outturn reentage cormul or unit	Dute by which the harvesting of each crop was begun this year, and whether that date was early.	Remarks by District Officers.
District.			Last year.	This year.	Last your.	This year.	normal or inte.	
		Acres.	Acres.	Acres		1	•	
ſ	Bhadot paddy (antumn	73,400	63,900	62,500-	75	* 113	Middle of September.	The outturn is below the normal owing
1	rice).			1			Normal.	heavy rain in the Liamond Ha bour a
	Indian-corn (maise)	,	100	100	67	83		rate in the Barasat subdivision. Slip damage also by insects was caused in a Barasat subdivision.
	Other bladel pulses	3,600	2,400	1,700	67	73		DECREAL ECONITY PION.
THE HOADAB.	Bhadot fruits and vegetables, including root-crops,	1,800	3.ROU	3,000	5H	75		•
- FA K	Other bhadol food-	5,600	2,200	T ,100	99	75		
5	Bhadot fodder crops other than jowar, bajra, marua and mains.	920	\$60	200	83	δU	7	•
l	Rhadot non-food eraps other than fodder and	100	1,200	1,000	78	67		
	fibres.	84,008	72,800	70,600	71	84		
	Total	94,0(1)	12,000	10,000	/1	61		
1	Bhadot paddy (antumn rice),	491,100	472,800	457,800	83	1.0	July, Normal	The weather has been favourable since to submission of the preliminary forecast.
2	Mandun, marus or ragi	100	***	300	844	67		
	Indian-corn (maize)	800	168	100	Hep	67		
	Other bhadel cereals Other bhadel pulsus	8,000	5.700	8,800	67	67		
	Indigo	1,000	6.000	7,600	67	67		
	Bhadai fruits and vegetables including root-crops.	6,400	я,100	2,490	\$6	58	-	
1	Other blade footserops	8,400	1,900	-2,100	50	67		
	Shadol todder crops other than jower, bajra, marus and maize.	1 800	8,000	8,100	ВH	67		
1	Mulberry	(30)	2+4	***	640	***		
1	Madel fibres other	210	400	200	404	67		
	Bhadol non-food crops other than fodder and	H,900	15,700	15,700	. 67	67		
	fibres.	\$23,900	806,200	494,800	89	97		
	Bladet paddy (autumn rice).	229,700	177,900	190,400	75	93	-	
an age	Jowar	100	100	E pan	100	Par 4		
	Bajra	800	300	200	83	92		
	Mandua, maria or ragl	800	800	800	75	83		
11	Indian-corn (malze)	1,000	1,000	1.200	1/3	#3		
	Other bladed cereals	8,500	4,100	3,800	67	8.5		
	Other bladed pulses	2,000	1.100	1,100	67	75		
Towns in a state of the state o	Bhadel fruits and vegetables, including	2,000	1.700	2,000	76 88	76	End of July to Octo-	The decrease in area under maria, oth bhaded cereals and multerry as compar with the preliminary forecast, is due
2	Toot-crops. Other blades food-crops	5,-00	9.800	₩,500	. 78	73		revision of estimates after enquiry. The weather has been favourable since to submission of the preliminary forces.
	Bhadof folder crops other than jowar, bajra, maria and maise.	2.500	9.200	2,000	67	78	•.	The outling has falled below the norm owing to damage caused by drought the Kandi and by floods in the Lalong and Jangipur middivisions.
	Bhadel three other than jute.	400	400	400	b7	78		
	Mulberry	4,900	3.100	2,000	67	78		
	Bhadot non-food crops other than fodder and fibrus.	20,000	4,800	3,900	78	6:		
	Total	371,200	206,100	214,100	78	90		

ict.	Names of crops,	Betim ted normal area under noch erop.	al each grop, normal yield be per unit of area.		Date by which the harvesting of each orup was begun this year, and whether that date was early.	liemarks by District Officers.				
District.			Last year,	This year.	Last year.	This year.	normal or late.	TO SERVICE STATE OF THE SERVIC		
,	,	Acres.	Acros.	Aores,	,			(position)		
1	Ahadel paddy (autumu rion).	407,800	845,000	342,400	75	83	August. Normal	The decrease in area this year is due to jude being sown in lands which were sown with paidly last year.		
	Other bhadel ourons	18,200	9,100	10.800	34	75	3	The weather was favourable alnoe the		
N. H.	Other bhadet pulses	108,200	8,600	7,900	60	67		The outturn is below the normal of account of the damage caused by food and evelone.		
ESSORE	Bhidot folder drops	1,200	700	,	\$6	67	September, Normal.	The Cycles of		
	other than jowar, bajru, marua and maise,	1,600	3 347	2,100		12.0				
- 1	Bhadel non-food crops other than fodder and fibres.	12,100	1,000	\$00	60	160				
	Total	445,000	384.400	203,000	. 74	88				
	Shadol paddy (autumn rive).	17.800	80,900	22,900	100	83				
الخ	Other bhadet cereals	200	100	100	85	83				
K MULNA.	Other bhades pulma	800	400	400	85	, (4)	Middle of September.	The increase in area on compared will last year is due to the fact that the his price of rice this year induced the cult		
3	Bhadel fruits and regetables, including rect-crops.	14,800	18,000	12,900	85	75		vators to cultivate more lands wit bharlot puddy. The weather was favourable at sowin time but beavy ratu and flows in t		
	Bhadel non-food grops other than fodder and fibres.	300	100	100	92	100		latter part of July caused damage to t crops. Hence the outturn is below a normal.		
	Total	33.700	33,800	36,400	94	80		_		
	Bhades puldy (autumn rice).	140,000	110,700	121,300	83	100	Rud of September to middle of October. Normal.	The increase in area over last year is d to timely wainfull.		
	Mandua, marna or	***	(80)	(60)	48	83	End of September, Late.	The weather was favourable except in t		
	ragi. Iodim-corn (amize)	3,000	1,000	1,200	67	100	Beginning of Catober,	whole, is expented to be normal, but		
	Other bhadot careals	1,000	600	600	93	75	A little late.	towing to drought.		
	O ber bhadet palmes	1,200	1,000	1,000	, 82	83				
DUNDWAN	Hadot fruits and vegetables, including root-crops.	3,000	2,600	2,700	75	83	1			
	Other bhadet food-crops	1,700	1,100	1,000	93	83				
March September	Bhafel fodder-crops other than jowar, bajra, marua and malso.	200	900	300	100	88	October. Normal.			
	Bhadoi fibres other than jute.	6,000	4,500	8,000	9.9	99				
	Mulberry	100	040	¢1>	***	A.		, 1		
-	Ahados non-food crops other than folder and flores.	4,000	8,100	9,000	83	83				
	Total	160,200	123.800	135,000	88	100		•		
-	Shades paddy (autumn rice).	144,100	183,100	133, 100	88,	93				
	Indian corn (maise)	1,960	1,900	1,900	75	92				
	Other bhadel ocreats	1,400	1,200	1,200	67	100		The weather was favourable.		
DENNING	Bhados (ruits and vegetables, including root-crops,	Iu,000	10.000	1 10.000	67	83	Middle of October. Early.	•		
	Mulberry	1.000	(85)	100	67	83				
	Shades non-feed composition than feeder and fibres.	2,800	2,800	2 800	100	100				

WIDNAPORE BANKURA. DISTICA.	Names of crops.	Katimated normal area under each cross	Ratimated	area under erop.		ue unit	that by which the harvesting of each crop was begun this year and whether that date was early.	Remarks by District Officers.
			Last year.	This year.	Last year.	This year.	normal or late.	
		Acres,	Acres	Aores.	1			*
-	Bhadot paddy (autumn	- 21,900	5,300	6,000	98	108	Middle to end of Sep- tember. Late in some	The weather was good. The rainf
		ena	900	900	88	200	places.	
	Bajra	800	700	700		100		sowings of one paddy were somewith
	Mandus, marus or rayi	1.100	800	900	63	108	**	
	Indian corn (maise)	8,400	3,200	4.000	83	102		
	Other bhadet careals	2.000	1.000	1,500	63	.109		
Z Z	Other bhadol pulses	\$.000	1,000	1,500	83	108		·
DAN	Bhadei fruits and vegetables, including root-crops.	2,900	1,500	1,500	63	100	Middle of August. Normal.	}
	Other bhadei food-crops	3,700	4,400	4,000	67	100		
	Bhadol fibres other than jute.	800	7U0	1,000	8.0	108		
	Shadot non-food crops other than folder and	1,200	1, 00	1,800	75	100		
	fibres. Total	48,900	21,609	22,900	81	105		
-	Bhados paddy (autumn	265,400	102,700	\$10,700	1			
	rice).							
-	Jowar	1800	240	800				
	Bajva	1,200	1,400	500				
1	Indian corn (malse)	8,000	6,700	5,000				-
н	Iudigo	100) t				4
П	Other bhadot cereals	10,100	8,400	10,500	1			
I	Other bhades pulses	29,300	6,200	8,400	1			_
	Bhadot fruits and	26,000	4,400	7,800				
	root-crops.		40		88	83	September. Normal	The wather was not favourable. Ow to heavy rainful in the beginning a to subsequent drought, the oute is expected to fall b low the normal.
	Other bhades food	7,400	5,300	\$,900				to expected to this to low the storman.
	Bhadol fedder crops other than jowar, hajra, marna and maize,	\$00	600	900	,			
	Bhadai fibres other than jute,	9,100	1,200	1.400		•		
ij	Mulberry	10,100	100	200				
			******				Į.	
	Bhadet non-food crops other than folder and fibrer.	400	4.300	2,800	}	10		
	Total	380,500	187,700	254,800	68	93		
ſ	Ahadol paddy (autumn	45,500	29,800	87,100	76	90		
1	Indian corn (maine)	200	100	100	100	80		,
1		, 1						•
	Other blades cereals	} 1000	400	400	46	100		
	Other shades pulses		100	800	88	100	~	
	Bhadot fruits and vegetables, including root-crops,	3,100	8,800	3,600	6.5	99	Hadan Brainning of	The water was formulately to the Sun
- Constitution	Other bladel food-crops	1.700	600	100	72	100	September. Karly. Serampore and	The weather was favourable in the fin- and Serumpore subdivisions, but was favourable in the Arambagh subdivis
7	Bhadel folder crups other than jowar, bajra, maria and maize.	100	100	100	. 30	100	Arambagh—End of September. Nor-	where floods caused dumnge to the ext of about \$3 per cent.
	Bhillet fibres other than jute.	190	100	100	84	100		•
	Mulherry	100	***	***	454	***	5	
	Shades non-food crops other than fedder and fibres.	800	00%	***	***	991		
	Total	61,990	25,000	31,700	70	91		

	Names of crops,	Estimated normal area under each crop.	Estima under or	tud upon noh crop,	of the	d outturn rountage normal per unit rea.	Date by which the harvesting of each grop was begun this year, and whether that date wencerly,	Remarks by District Officers.
			Last year.	This year.	Last year.	This year.	normal or late.	~
		Acres.	Aores.	Acres.				
1.	phadal paddy (autumn	18,500	7,700	9,500	80	100	Middle of October.	The months of
1	(pdinn-corn (maize)	300	100	100	67	88	THEO	The weather was favourable.
	Other bhadol versuls	,						
- man	Other bhadol palses	1,800	900-	1,000	30	78	Middle of October. Normal.	
	Bhadoi fruits and vegetables including ront-orops.	17,200	8,800	6,000	67	71		
	Other bhadel food-orops	2,700	1,400	1,200	08	48)	•
	Badal folder crops other than jower, bujes, marie and	1,800	- 400	ŵ00	98	67	Middle of October. Late.	
	maine.	* 41.800	15,600	18,390	57	83		
-	Shadot paddy (autumn	168,0000	288,000	183,000	51	9.5		
	rleu).			200	47	60		
	Mandag marin or such	001	200	200	50	60		•
	Mandua, marua or ragi	300		1,800	81	70		0
	Indian-corn (maise)	1,100	1,800		P =	-		
	Other bhadol cereals	3,800	6,000	6,000	80	34		
	Other Shades palms	2,000	1,900	1,900	10	60		
	Bhadot fruits and regetables, including root-erops.	2,300	8,500	3,800	16	60	Middle of August to middle of Septem- bor. Normal.	Pigures for normal area and our year's area under bhadet paddy been revised after careful enquiry. The weuther was favourable show
1	Other bhades food- crops.	1,500	000,8	8,000	~40	åß.		submission of the preliminary force Want of rain at sowing time has out the outturn to fall below the normal.
	Bhadot fudder-urapa other than jower, bujra, murua and malze.	4,800	4,800	4.800	1 40	96		
li	Shadel fibres other than jute.	300	400	400	67	64		
	Mulberry	1,000	700	700	67	70		
	Bhadol non-food crops other than fodder and fibres.	600	900	900	60	86		
	Total	187.5004	307,900	\$04,900	61	87		•
	Bhadot paddy (antumo	180,700	183,700	99,800	71	711	Last week of August.	The decrease in area was due to wan sufficient rainfall at the sewing on The continue is much below the no:
li	Joway ***	1,200	1,700	1,900	846	74		owing to unfavourable weather.
	Bajra	100	300	200	72	76		
	Mandua, marus or ragi	**1	200	400	Ra	65		
	Indian-corn (maize)	1,900	900	903	71	88		
	Other shadel cereals	1,600	400	600	64	49		
	Other bhades pulses	900	400	700	1.9	76		
	Rhadet fruite and respetables, including toot crops.	1,700	1,900	700	40	. 66		
	Other bhadel fond-crops	100	300	1,100	60	74		
	Bhados fodder-crops other than jowar, bajed, marua aud maiae.	000	600	400	64	79		,
	Bhadol non-food crops other than fooder and fibres.	300	540	***	***	800		
	Total h.	127,600	136,600	105,400	71	77		

riet.	Names of grops.	Estimated normal area under each crop.	Hetiniated each	area under crop.	parcenta	nithirn as a up of the yield per area.	blote by which the harvesting of each erop was begun this year, and whether that date was early.	Remarks by District Officers,		
District.			Last year.	This year.	Last year.	This year.	normal or late.			
-	Bhadoi paddy (antuma	Acres. 196,000	Acres. 172,400	Acres. 108,900	80	88	Middle of August.	The decrease in area as compared with last		
	Mandua, marus of ragi	300	300	200	86	100	Berand week of Uctober.	year was due to want of timely rainfall.		
	Indianesorn (maise)	4,000	2,700	8,600	80	98	Normal.	' .		
-	Other bhadot cereals	3,100	1,000	900	70	70	Middle of August.	The westher was favourable since the submission of the preliminary forecast.		
JALPAIGERI,	Other bhados palace	2,300	1,700	2,000	70	70	First week of Novem-			
JALP	Bhadai fruits and vegetables, including rootscrops.	15,500	13,100	13.500	70 ~	71	ber. Normal. First week of August. Normal.	The bhadol pulses were badly damaged the M-thagurd Taball by the image cilled "Actin."		
Ì	Other bhadel food-orops	9,300	. 5,800	6.500	70	80	This d week of October.			
	Bhidot folder crops other than jowar, hajra, maria and mare.	8,000	8,400	0,000	75	75				
	Hhadot fibres other than jute.	100	100	001	1 70	70	August, Normal.			
(Bhadel non-food crops other than fodder and fibres.	9,000	2,000	2,000	75	7.5				
	Total	736.600	294,000	141,700	79	86				
	Bhadoi paddy (autumn rice).	7,290	8,800	8,700	84	68				
1	Mandua, mema or regi	8,800	8,600	8,600	-97	78		ı		
	Indian-corn (maine)	40,800	48,700	48,700	92	100				
180.	Other bhadol cereals	3,200 {	700	700	92	. * 67				
DARJEBLING	Other bhados pulses	}	1,700	1,600	100	300				
DA	Bhadei fruits and vegetables, including rootscrops.	400	300	100	100	63	lath Septembor.	Since the submission of the preliminar forecast the weather was favourable.		
	Twa or our	000,23	54.700	84,700	100	108				
	Other Shades food-orops	5,200	4,400	4,400	93	92				
	Bhades fodder-crops, other than jower. bajrs, marus and maixe.	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	100	100	100	67				
1	Other blades non-food grops other than fudder said fibres,	3,900	1,300	1,100	92	83		•		
	Total	118,500	119,800	118,700	9.6	102				
-	Bhadel paddy (autumu ricu).	382,800	310,100	296,900	90	83				
	Jowar	200	300	300	100	100	July. Normal	The decrease in area is due to small are		
	ludinu-corn (maine)	100	100	100	100	75	}	being sown in the Milphamari subdiv- sion. The weather was not favourable at sowin time and the growth of the plants we		
RANGPUR.	Other bhades cereals Other bhades pulses	20,000	4,900	\$,30 0	- 80	06		retarded by want of rain in the late part of April and May Since then the weather was favourable. Except for want of rain there has been no appropriate the state of the state		
Œ.	Bhadot fruits and vegetables, including root-crops.	10,000	1.400	3,600	90	80	October. Normal.			
	Other bhadet food-crops	18,000	900	690	90	65				
-	Bhades nou-food crops other than fodder and fibres.	50,000	20.000	20,000	- 100	80	August. Normal.			
	Total	380.600	887,700	896,700	90	88		,		

-	Names of crops.	Estimated normal area under each crop.	Entimated a much c		Retimated as a per- of the c yield pe- of ar	mentage mentage r noit	Date by whithurvesting of a was bacum year, and withut date wa	nch crop this bether a rarly,	Homas as by District Officers.			
District.			Last year.	This year.	Last year.	This year.	un uni or	inte.				
- 1				- t			-	-				
		Acres.	Acres.	Acres.								
- [Bhadol paddy (antumn'	140,000	111,700	128,000	60	90	Middle of Normal.	August.	The weather was favourable times the sub-			
	Jowat w	500	100	100	80	Ou	Augittaen.		for some dam, go extreed by flood in the			
- {	Bajra	479	(10)	(10)	111	75			is below be normal owing to unfaringe-			
	Mandua, marua or ragi-	***	(20)	(10)	87	100			damage caused by fined.			
	Indian-corn (maine)	0.75	3,000	3,000	75	75						
	Other bhades coresis	2,600	1.500	1,800	- 26	60	1					
BRA.	Other bhadol pulses	***	400	300	24	48						
Води	Bhadol fruits and vegetables, including root-crops.	2,000	200	300	67	80						
	Other bhadvi food-crops	2,000	400	400	85	80						
	Rhadei fodder crops	***	100	100	45	65			1			
	other than jower, bujes, martin and maize.											
	Aulberry	100	(8)	(6)	48	90			•			
{	Bhadel nou-food crops other than fodder and fibres.	200	411	***	***	800						
	Total	146,800	117,400	129,700	60	Rp	į.					
(Shadei paddy (sutumn	140,000	180.000	172,800	60	79	By the end	of July.	The decrease in area was due to unfavour-			
İ	rice).						Lute.		able weather condition at sowing time. Want of rain at sewing time damaged			
	Indian-corn (maine)	800	***	100	+9+	63	İ		the crops to some extent, but the rainfall in June improved their growth. About			
1	Other bhadel pulses	9,000	6,500	6,100	66	79			21 per cent, of the crops was demanded by the field in July. Since the submission of the preliminary forecast, there was no considerable change of weather affecting			
PARNA.	Bhadot fruits and vege- tables including root- erom.	***	000	100	0.09	63		/	the outcorn.			
D4	Other bladel food-crops	20,000	80,000	14,900	86	71	Ì					
	Bhadel fodder-crups	8,800	8,500	700	86	71						
j	other than jowar, bajra, marna and								-			
	maize.								•			
1	Bhadel fibres other than jute.	919	***	600	000	1 報						
	Total	181,800	220,000	195,000	61	78						
1	Bhadel paddy (autumu	378,600	23 1,000	249,200	100	100	Latter part		mission of the brothmusty foremer.			
	Jowar	1,600	1.800	1,800	100	92			Slight damage has been done to bladel paddy and make by flord.			
	Bajra	1,400	1,900	1,200	80	88	1		The decrease in ourtura except in the case			
	Mandua	1,600	1,900	1,300	50	67			of bhades paddy and molberry is due to structed growth owing to absence of suffi- cient rain after awing and partly to			
	Indian-coru (maise)		16,000	16,000	78	92			want of manuring of fields.			
1	Other bhaded careais		8,800	3,800	80	83						
į	Other bhadel pulses		100	100	80	8a						
MALDA.	Bhadet fruits and	9,700	6,590	8,800	RO	8.1	1					
3	vegetables, including root-crops.			1			August. N	ormal				
	Mulberry	6,000	18,800	18,800	100	108	Walliam T	J. 640017				
	Other bhadel food-crops	20,000	19,400	19,800	AD	E3	i	٧				
	Bhadel fedder crops, other than jowar, bajra, marua and		1.100	2,000	60	H&			1			
	Bhadot fibres other than jute.	7,000	1,600	1,800	60	84						
	Bhadet non-food cross	3,40)	8,000	8,000	73	75		٠				
	other than folder und fibrus.	1				-	-					
	Total	363,500	\$23,400	321,609	96	97		1316	The westure was favourable. The bhadet			
	Bhadol paddy (autum rice.)		267,900	367,400	87	80			paidy and bhados fruits and vegetables suffered considerable damage from drought in the early stages. House the			
DACCA.	Bhadot fruits and regetables, including root-orops.		4,000	4.100	78	70			drought in the early stages. House the outturn is below the normal.			
9	Other shaded food erop	20,500	19,600	19,600	90	uo.						
	Bhadet fedder crops other than jowar bajra, marua and	3,100	1,600	1,800	90	90						
	maise.					63	_					

1	Numes of crops.	Estimated normal area under each crop.	Estimated carb	area under	na a per of the yield p	d outturn centage normal cer unit	Date by which the harvesting of each crop was begun this year, and whether that date was early.	Remarks by District Officers.
District.			Last year.	This year.	Last year.	This year.	normal or late.	
		Agres	Acres.	Acres.				
6	Bhadot paddy (autumn		464,500	465,800	60	92	*******	The weather was generally favourable alr
	rico).							the submission of the preliminary for cost. The outturn is below the north
ING	Bhadoi fruits and	5.800	5,600	3,500	45	78	1	owing to damage caused by drought some places.
HTHENSINGE.	vogetables, including	0.000	Siedo	9,900				
1	Other bhades food-crops	48,000	43,000	43,070	60	7.5	100	
t	Bhadot fodder crops other than jowar.	64,000	54,000	64,000	35	58	:	
	bajra, marca and maise.							
	lotal	503, 100	\$79,000	879,000	67	87		
			`				1	:
. [Bhadel policy (autumn rice).	238,500	237,200	230,700	90	71	1	
FARIDPUR	Bhadol fruits and vegetables, including	25,300	92,300	28,000	74	70	Middle of July. Normal.	The decrease in area was due to incre in area under jute.
TA ST	Other blades food-grops	800	500	800	78	79		The weather has been favourable since submission of the preliminary forces but the crops were damaged to the extended about 20 cm over a wing to fixed.
	Total	259.300	250,900	254,200	89	-71		of about 39 per cont. owing to food,
							1	· .
. [Hhadot paddy (autumn rice).	136'000	250,000	300,000	78	63	April and May. A little late.	
NA SE	Other Shadel pulses	1,000	100	800	75	67	Petruncy to May.	The flood at the beginning of August
BATTREE	Dhadot fruits and vegetables, including troot-crops.	140,000	140,000	140,000	78	88) Normal.	insect-pests caused some damage. outturn has consequently fallen below normal.
- (Bhadel non-food crops other than fedder and	1.400	1,600	1,800	78	76		
	fibros.	278,400	302,000	443,000	. 75	75		
r	Bhadot paddy (autumn	202,000	304,000	194,500	96	100		
Ì	ludiau-corn (maise)	gon	200	200	100	82		
i	Other bhades pulses	300	200	200	95	92		
	Bhadel fruits and regetables, including	8,400	3,500	2,800	100	93		
Se.	Other bladed food-crops	1,800	t,60o	1,600	99	100	August to October.	The weather was generally favourable
1	Bhades todder crups		4,000	4,000	,100	100	Normal.	the bhades crops except for tea for wh more rain was needed in October.
CHITTYGONG.	other than jowar, bajra, marna and maize.							
	Bhades Shree other than jute.	300	800	300	100	100		
	Bhadel non-food crops other than fedder and	100	100	100	190	003		
-	fibres.	\$,000	5.000	15,400	94	83		
	Total	218,900	217,900	206,800	98			
		201000						}
ſ	Bhadoi paddy (nutumu	820,000	\$14,000	802,000	90	83	July. Normal	
	rice). Other bhadot cereuis	1,100	600	600	75	100		timely rainfall.
	Other Shadel pulses		1.100	1,000	60	100		
44.	Bhildet fruits and vegetables, including		6,100	4,800	60	67		
TIPPERA.	Lnor cholm							40
-	Other Shidel food crops	1,000	700	700	80	100		
	Shadoi fodder-cross other than jowar, bajra, maruu and maine.	9,000	0.000	8,000	60	100		
	Bhadei non-food crops other than fodder and fibres.	7,000	\$,060	\$,000	75	100	-	1
	Total	346,400	335,500	321,600	80	84		

2	Names of orops.	Estimated normal area under each crop,	onch	area under crop.	a percent	outturn as age of the d yield of area.	Date by which the harvesting of each crop was begun this year and whether that date was marly,	flemants by District Officers.
District			Last year.	This year.	Last year.	This year.	Bormal or late.	
		Acres,	Acres	Acres.			4	
ſ	Shadel paddy (autumn rice).	904,000	\$19,000	212,000	70	88 "		
IALS.	Bhadet fruits and vegetables, including root-crops.	1,000	1,000	1,000	80	88	July. Normal	The effects of weather on the cultivation and growth of the crops were on the whole fair.
NOAKHALI.	Bhades fodder crops other than jowar, bajra, marua and maise.	2,000	3,000	2,000	90	90		
	Other blades non-food orops other than fodder and fibres.	(31)	3	000	404	044		
a	Total	207,000	215,600	215,000	70	88		
BILL	Bhadot paddy (autumn rice).	188,000	188,000	168,000	88	80	August to September. Normal.	The weather has been fair since the sub- mission of the preliminary forceast. The outturn has fallen much below the normal owing to insufficient rainfull.
ACT8.	Indian-corn (maize)	2,100	1,800	1,400	46	48		owing to insufficient rainfall.
CHITTAGONG BILL TRACTS.	Other Shedot pulses	4,000	3,000	4,000	. 60	- 85		
# C	Other bhades food- orops.	7,000	6,800	7,000	46	40		
•	Total	901.100	167,300	180,400	88	10		-
	Bhadoi paddy (autumn rice).	5,110 500 †	\$,000,800	4,961,600	77	67		
-	Jowar	4,200	3,700	4,380	77	62		
	Bajm";	4,000	8,900	9,800	82	UD		
	Mandua, marua or ragi.	9,100	6.700†	7,400	76	78		
	ludian-corn (maisa)	103,100	HR,100†	88,000	86	98		
	Other blades cerents Other blades paped	186,100	77,500t	86,100	70	76	-	
ENGAL	lodigo	1,100	10,100	11,700	71	72		
TOTAL BENGAL.	Bhadot fruits and vegetables including root-erops.	\$14,800	254,700†	261.800	73	* &8		
	Other bhadet tood-oroge	118,700	164,300	148,800	71	78		
	Bhadot Ifodder crops other than jower, bajes, marua and males.	107,300	103,300	102,000	47	66		,
	Bhados fibres other	16,300	9,800	11.700	R\$	84		7
	Mulberry	22,800	17,800	17.800	93	101		
	Ton	87,000	39. 700°	40,1005	100	106		
	Shades non-lood crops other than fodder and fibres.	1 [8,200	67,600	60,2(4)	83	78		
	Total	6,216.1000	8.983,800	\$,827,800	777	, 110		

Reclusive of figures for Jaipaigari and the Chittagong Hill Tracts.

APPENDIX 11.

Abstract statement of estimated acreage and outturn of the autumn..rice, 1919.

			Alt HA	(IN ACRES).				YINED (IN OWTH.).								
Province.	year's	Of previous year's	Aver	age of				Intimated yield of current your, i.e.,	Yield of provious year, i.e., of area in	braceding.		Percentage by while column 7 axcords (+ or is less than (-) yield in—		4 (+),		
	otolr	crop.						of area in column 2.	column 3.			Qolumn B.	Column 9.			
1	,	3	4		ō	6		7	8	9		10	11			
		i	Five years.	Ten years.		Plue years.	Ten years.			Five years.	Ten years.	; ; ;	Pine years.	Ten pears		
Bengal	4,961,600	5,066,600	0,108,500	5,150,000	- 9:07	- 2*88	- 2.65	18,299,400	30,095,600	29,976,400	30,202,700	+10:64	+11:00	+10.8		

DEPARTMENT OF AGRICULTURE, BENGAL.

Third Forecast of the Cotton Crops of Bengal, 1919-20.

(NOTE.—On an average of the five years ending 1917-18, the area under the cotton crops in Bengal has represented some 0.3 per cent. of the total area under cotton in India.)

THE "early" crop is chiefly grown in the Chittagong Hill Tracts and in the State of Hill Tippera and to a small extent in other districts. The "late" crop is grown mainly in Bankura and Midnapore.

Gharacter of the season.—As reported in the second forecast, the weather was generally favourable excepting in the Chittagong Hill Tracts, where heavy rain in July and August affected the crop. Subsequently the weather proved somewhat favourable to both the crops generally, but rainfall in the middle of November caused considerable damage in the Chittagong Hill Tracts and thus reduced the outturn appreciably. The prospects of late crop, so far, are reported to be fair.

Area sown.—The total area sown with the early crop is reported to be 66,697 acres and that with the late crop 2,161 acres this year, against 70,786 and 2,203 acres, respectively, in the corresponding and final forecasts of last year.

Outturn.—The estimated outturn of the early crop is reported to be 19,539 bales this year against 25,272 and 30,908 bales, respectively, in the corresponding and final forecasts of last year. The outturn of the late crop is returned at 1,000 bales against 919 and 737 bales, respectively, in the corresponding and final forecasts of last year.

R. S. FINLOW,

Offy. Director of Agriculture, Bengal.

DACCA.

The 11th December 1919.

Third Forecast of the Ootton Grope of Bengal, 1919-20.

				ARNA (I	N ACRE	0)-			Y	18th (15	BALRE	OF 400	I,HB.	PACIL-	1	X til		
DISTRICT.		year's orop	rear's crop	200		or to	tage by 2 exem less the crea in-	nlu (+)	umn 2. of	column 4.	preceding-		or h	tage by 7 stem loss that ren in—	which da (+)	was beginn that	lstrict Officen	
		Of current 1919-20),	Of previous (1918-19).	1	W A STATE OF THE S	Column &	Colnma 4.		Of current year, area in column	Of previous of area in o	Average of		Column 8.	Oolse Su S.		Date me which the bot the crups was by	Remorks by District Officers.	
1	. 1	2	3	4		8	1	Ø	7	91	9		10		11	12	11	
	i			0 yrs.	10 yes.		S yes,	IU ym.			8 yes.	10 yrs.			10 yzs.		:	
Bankura												,,,,		1	10 37%			
Enrly	000	700	400	547-	408	-1 37	+38	+72	360	140	176	907	+84	+27	+69	Middle of October	1)	
Late	***	1,4001	1,400°	1,400	1,400	***	***	99.0	BF5	665	1.078	1,009	+32	- 10	£ 20	Not yet commenced	1	
Midnapore	-													-				
Knely	200	8001	1,600*	814,1	1.588	- 50	- 67	- 80	40	86	114	196	- 55	- 63	- 69	November	1	
Late	***	300	700	660	60%	-87	- 55	- 81	19	49	80,	43	-61	- 69	~ 56	will begin by the end of March	1	
														1		next,	ľ	
Mymonsing	h—													1				
Enriy	007	22	22	010	***	111	150	440	20	20	001	***	b51	8=0	, 	November and December,	11	
Late	***	***	414		***	864		***	944	***		416	000	>++		490444	1)	
Chistagong Tracts—	Han																	
Early	44.4	46,000	51.000	50,400	42,450	- 10	- 18	4-B	14,950	27 540	10,629	15,664	- 46	- 24	- 5	November	1	
Lintes	***	***	464	0.00	1 ***	800	***	141	***	***	*****	***	*10	***	411	*16.004	} (
Hill Tippe Early	rn-	}		- 1								i I			!			
Early	064	18,562	16,667	21 394	24,517	+11	- 13	- 24	4.005	2,983	4.242	4,471	+88	-4	-9	to lat week of		
Linte	***	***		-							2		1			November.	1	
			44.0	202 200 0 0 0 00	•••	***		***	* ***	•••	***	oun	**				}	
######################################					ı													
Early	***	66.044	69,689	79, 57	68,943	- 5	- 17	-4	19,415	30.760	24.261	20,470	- 37	- 20	- 5			
Inter est	***	1.700	9,100	2,080	3.00%	- 10	- 17	- 15	REA	714	1,129	1.142	İ	- 91	- 29			
Bongal distributed by the started cult	INN-													,	-	<u> </u>		
rion since	last	(6)	(a)													1		
Ently	440	6H3	11.03	***	***		549	* ***	124	146	0+4	400		000	2	00000	1	
· Late		401	201	0.04	***	und	641	***	106	23	400	804	010	844	***	Pthaed	1 0	
RAND TOTAL	-															1		
Early	***	66,697	70,786	009	299	***	544	***	19,539	80,908		***	des	I			9	
Late	011	2,161	2.203	404		100	100	194	1,000	787	***	Bhq	0.01	1 400	***			

⁽a) For Nadia. Birbhum. Hooghly. Rangour. Bogra. Malda. Dacca. Bakarganj. Ohittagong. Tippera and Noakhali.

(b) For Nadia. Murshidabad. Jesure. Khuitas. Burdwas. Birbhum. Hooghly. Bogra. Malda. Tippera and Noakhali.

Conventional area.

(1) The weather has been favourable and the general condition of the crops is good. The date of harvesting of the early crop was normal.

(3) The condition of the crops has not been good owing to excessive rain.

(3) The weather has been fair and the condition of the crop is good.

(4) The weather and general condition of the crop has been fair, but the recent rain has done considerable damage to the crop. The date of harvesting is normal.

(5) Though comewhat unfavourable at the outset, the weither has been favourable to the crop subsequently and the general condition is fair. The date of harvesting is normal.

(6) In Noakhali and in places of Burdwan, the weather has not been favourable. Elsewhere it has been favourable and the present condition of the crops is fair. In Khulua, the plants have all been destroyed by the cyclose in September.

DEPARTMENT OF AGRICULTURE, BENGAL.

Second Forecast of the Winter Rice Crop of Bengal, 1919-20.

(NOTE.—On an average of the five years ending 1917-18 the area under winter rice in Bengal represents some 1911 per cent. of the total area under rice in British India.)

Character of the season.—As reported in the first forecast, the weather has been favourable throughout for the broadcast aman rice crops. In West Bengal it was also exceptionally good for transplanted aman rice in the period July-September. Insufficient rain in October, however, affected the yield of crops on high lands to a slight extent. In East and North Bengal the conditions were not good for transplanted rice in July and August owing to deficient rainfall during this period. At one time matters looked somewhat serious, and large areas were transplanted at a later date than is usual. In September, however, the rainfall was generally in excess and the heavy rain brought by the cyclone in East Bengal did great good to late transplanted rice. On the whole, it may be said that the broadcast aman rice is very good and that the transplanted rice crop is satisfactory.

Acroage.—According to district officers' estimates the total area under winter rice amounts to 15,551,400 acres as against 15,379,400 acres in the first forecast of this year and 15,962,100 acres in the corresponding forecast of last year. The increase of 172,000 acres over the first forecast was due to good rainfall in September.

Outturn.—From the district returns appended it wil. be seen that Bankura, Malda and Bakarganj report more than a normal crop and seventeen districts report a crop between 80 and 92 per cent. The outturns for the remaining seven districts are as follows:—

Burdwan, Hooghly, Rangpur and Noakhali (75 per cent. each), Nadia and Murshidabad (67 per cent. each), and the Chittagong Hill Tracts (50 per cent).

As compared with the first forecast the crop has improved in ten

districts, deteriorated in eleven and remained stationary in the rest.

On the basis of the above figures the provincial outturn is estimated at 89 per cent. of the normal against 77 per cent. in the corresponding forecast of last year.

I consider 90 per cent. a fair estimate, and accepting this figure the gross outturn for the province, on the basis of a normal yield of 12½ maunds of clean grain per acre, is estimated at 128,537,100 cwts. against 112,874,900 cwts. returned in the corresponding forecast of last year.

R. S. FINLOW,
Offy. Director of Agriculture, Bengal.

DACCA, The 13th December 1919.

APPENDIX I.

Second Forsoast of the Winter Rice Crop of Bengal, 1919-20.

Pintriot.	Setimated normal	listimated as winter r		Retimated or percentag normal yiel of ar	re of the	The date by which the harvesting generally com- merced this year.	Remarks by District Officers.
	whiter rice.	Lust year. (1918-19).	This year. (1919-20).	Last year.	This year.	and whether that date was early, normal or late.	
34-Perganas	Acres. 1,041,800	Acres. 893,200	Acres. 835,100	83	93	Forember. Nor mai.	Excessive rain since the submission of the first fore- cast has caused a little damage to crops on low lands in the Diamond Harbour subdivision and unusual heavy rainful in the lisabilitiat subdivision damaged to some extent the plants in the Sundardson tracts owing to broaches in the embankments. Hence the culturn is exposured to full below normal.
Madia	136,600	125,600	130,100	. 88	67	Not yet commenced	The increase in area sown is due to the favourable weather at the sowing time. The outgarn is expected to be much before the force force as a submission of the first force as:
Murriidabad	\$48,600	226,300	\$16,700	88	6 7	Ditto	The increase in area sown as compared with the first forecast is due to subsequent transplantation. Grop suffered for want of soft-lent raturals. About 36 per cent. of the cree has been damaged owing to drought and flood in Janging subliviation. The outsups is expected to fail below the normal on account of drought at the flowering time.
Jemore	868,100	443,500	465,500	47	NO.	Beginning of No- vember, Normal	The decrease in area sewn as compared with that of the last area is due to the corresponding increase of jute area and also owing to immudation at the time of sowing and transmiantation. Insect-peats there affected the crops in florageng and Magora subdivi- alous. The outturn is expected to be below normal owing to the damage caused by flood and insect- peats.
Khulua	4826,200	784,100	703,700	158	93	Ditto	The outturn is expected to fall below normal owing to the damage caused by the cyclone.
Bardwan	874,800	700,000	786,000	86	78	Not yet commenced	The weather since the submission of the first forecast has not been fuvourable except at Assassi. Insufficient rainfall in the latter part of September and in Outober has considerably reduced the outturn of the late transplanted erop. The rainfall in November is likely to do much more harm than good and the outturn is expected to fall much below the normal.
Birbhum	604,600	601,600	601,800	67	99	Ditto	The weather has been good and a fairly good outcurn is expected.
Bankura	\$10,600	820,000	\$26,000	62.8	195	Second week of November. Nor- mal.	Insufficient rainfall in the latter part of September and in October affected the crop on high lands in parts of the district. Since the submissions of the first forecast about 33 per cent. of crop has been affected by drought and insufficient rainfall.
Midnapore	* 1,887,100	1,648,000	1.498,600	. 60	63	First week of De-	Want of rainfall has adversely affected the growth of crops.
Booghly	276,700	196,800	205,400	73	n	Not yet commenced	The weather has not been favourable since the sub- mission of the first forecast. Insufficient cainfall has affected the crops seriously. The outturn is ox- pected to fail nuch below the normal owing to long continued drought.
Howrah	. 125,200	114,400	119,500	79	90	Ditto	The weather has not been favourable since the sab- mission of the first forecast. Want of rain in the latter part of the season retarded growth of the crops.
Rajuhah)	. 697.000	620,000	656,300	63	90	Ditto	The outturn is anticipated to fall below normal owing to immificient minfall at the sowing time.
Dinajpur	. 1,120,300	1,019,100	1,029,000	57-3	63	Ditto	alcone the authorization of the first formatt (1901)
Jaipaiguel	. 551,300	497.400	417,600	86	60	Ditto	The outturn is expected to fall below the normal owing to unfavourable weather and want of sufficient rainfall at the time of sowing.
Darjeeling	65,30	28,900	30,500	92	00	First week of November. Norma	Effects of weather on the growth of crop have been fairly good on the whole.
Rangpur	623,30	674.000	*000,000	30	71	Not yet commence	The outturn is expected to be much below normal owing to drought in August.
Bogra .	203,00	460,000	447,000	44	84	Rud of November Normal.	The weather was favourable up to the third week of October, but continued absence of rain since then has done injury to the late transplanted paddy. On account of low dood paddy on high lands in the eastern part of the district was damaged. Hence the outturn falls below the normal.
Pabna .	866,00	830,000	882,50	50		First week of N vember. Norma	M. J
Maida .	326,30	390,000	808,00	0 80	11	Latter part of N vember. Norms	The weather has been favourable on the whole, though the some places crup suffered a little for want of rain in the latter part of October. More than normal outturn is expected.

District.	Estimated normal area under	Betimated : wluter		percents normal yle	outturn as a age of the old per unit area.	The date by which the harvesting generally com- menced this year	Romarks by District Officers,
	winter rice.	I.net year (1916-19).	This year (1919-20).	Last year.	This year.	and whether that date was early, normal or late.	
Decors	Aores. 647,900	Acres. 649,000	Acres.	75	A6	Beginning of	The weather was quite seasonable and a very good crop was expected until 24th September when a severe
				-		November. Normal.	cyclone swept over the district. Since then the weather has been favourable. The cyclone made considerable damage; the outpurn is therefore estimated to fall below the normal.
Mymousley's	1,126,700	969,700	969,700	78	92	Not yet commenced	The weather was generally favourable. The outturn is below the normal owing to cyclone and want of rain in some parts of the district, specially at the sowing time.
Faridpur	770,100	740,000	784,700	60	84	End of October.	The weather has been fairly favourable. Some damage was done by cyclone which accounts for the estimated outturn to fall below the normal.
Bakarganj	1,200,000	1,840,000	1,849,500	190	117	November. Nor-	The weather has been favourable and the outturn is expected to be above normal.
Chittagong	418,460	-496,100	420,600	96 (93	November and December, Nor- mal,	Insufficient rainfall in the month of October and cloudy weather without rain for some days in November is likely to reduce the outturn.
Tippera	794,800	780,600	806,800	80	91	November. Nor-	Increase in area is due to favourable weather. Slight damage was, however, done to the crop by the cyclese of September.
Nonkhali	610,000	600,000	600,000	85	78	Early in November. Normal.	Insufficient rainfall in October has been harmful to the crop in the Sadar subdivision. Some damage was caused by **sfra** disease. In Peni subdivision the rainfall in October has done good.
Chittagong Hill Tracta.	47,800	41,600	46,000	100	80	Not yet common-	The outturn is expected to fall much below the normal for want of sufficient rainfall.
Total Bengal	16,843,900	18,898,800	15,851,400	79	30	-	

APPENDIX II.

Abstract Statement of the Estimated Acreage and Outturn of the Winter Rice Crop of Bengal, 1919-20.

			KI) ARKA	Ace ma).						TIMED (IN C	WT).			
Province.		Of previous	Average of preceding-		white oxor is les	Percentage by which column 3 exceeds (+), or is less than (-), area in		Estimated yield of current year,	Tield of previous year, i.e., of	Average of preceding		Percentage by which column 7 axceeds (+), or is less than (+), yield in—		
		(1918-13).			Ookuma 8. Ookuma 4.			in column 2.	column 3.			Column &	Column P.	
1	3	3		4	8		6	7	8	1)	10	1	
Bengal	15,551,400	15,895,800	Fine years.	fon pears. 15,071,200	- 3:1	1	gears.	128,687,100	105,106,900	Pice years. 191,897,800	Ten years. 136.119.500	J. 91-1	Pine gears.	

APPENDIX III.

Statement showing the Normal and Actual Rainfall in inches in each district in September and October 1919.

	District.			SEPT	EMPSE.	Ост	онкв.
				Normal.	Actual.	Normal.	Actual.
	1			2	3	1	5
				Inches.	Inches	Inches.	Inches
1.	24-Parganas	* * *		9.89	5.63	4:64	1.67
2.	Nadia			7.73	7.11	3.66	1.35
3.	Murshidabad			9.28	6.93	3.43	2.59
4.	Jessore			8.55	9.16	4.32	2.18
5.	Khulna			9.95	15.51	5:04	2 83
6.	Burdwan	* * * * * * * * * * * * * * * * * * * *		8:44	5.64	3.48	2:36
7.	Birbhum			9.51	8.24	3:19	2.71
8.	Bankura	4.0		8:40	8.90	2.76	1.95
9.	Midnapore			9.15	4.22	4.66	1.82
10.	Hooghly			8.66	4.81	3.75	0.88
11.	Howrah '	***		8:68	4.10	3:55	1.96
12.	Rajshahi	***		9.74	8:45	3 59	4.64
13.	Dinajpur			11.47	12:23	3:47	4.00
14.	Jalpaiguri			21.93	30.91	6.12	9.55
15.	Darjeeling	•••		17:55	22.84	4.52	1.70
16.	Rangpur			13.14	12.19	4.72	8:31
17.	Bogra	* * *		10.84	10.31	4:30	3.10
18.	Pabna	***		8.19	9.77	4.21	2.68
19.	Malda			8.87	9.21	3.41	4.25
20.	Dacca			8.70	6.09	4.66	2.65
21.	Mymensingh	• • •		12.26	14.51	4.95	8:72
22.	Faridpur			7:11	15.96	5 25	3.43
23.	Bakarganj			11.53	15.54	6.38	2.66
24.	Chittagong	* * *		12.82	20.47	7:31	2.03
25.	Tippera			9.84	15.94	5.17	3.08
26.	Noakhali	* * *	***	14.52	19.04	8.06	2.68
27.	Chittagong Hil			12.79	15.15	7.01	2.63

DEPARTMENT OF AGRICULTURE, BENGAL.

First Forecast of the Spring Oilseed Crops of Bengal, 1919-20.

(Note,—On an average of the five years ending 1917.18, the area under lineced in Henga; has represented some 5.5 per cent, and that under rape and mustard 19.3 per cent, of the total area under these crops in British India,)

Explanatory.—Three forecasts are issued for the spring oilseed crops. The present one deals only with the area sown and the general condition of the crops.

Area sown.—Oilseeds are grown chiefly in Rajshahi, Dacca and the Presidency Divisions. In the other two divisions the cultivation is small. The total area under these crops (excepting sesamum for which separate forecasts are issued) is reported to be 1,280,000 acres this year against 1,296,800 and 1,304,800 acres respectively in the corresponding and final forecasts of last year.

Character of the season.—The rainfall in September was generally in excess of the normal in North and East Bengal and was somewhat defective in West Bengal. There was plenty of moisture in the soil for preparatory tillage which began in usual time. Light rain in October facilitated the sowings of the crops. In the early part of November, the sowings were somewhat retarded in some parts of West Bengal through lack of soil moisture, but rainfall in the middle of the month greatly facilitated matters. The outlook is, so far, reported to be promising.

DACCA,
The 17th December 1919.

R. S. FINLOW,
Offg. Director of Agriculture, Bengal.

APPENDIX I.

First Forecast of the Spring Olissed Crops of Bengal, 1919-20.

District.	Nume of spring	Estimated normal area nader	CSDER	SPRING SPRING SEEN.	Date by which the sowing of the crops was begun	Ronarks by District Officers.
		upring offmeds,	Last year (1918-19).	This post (1919-70).	this year.	~
		Agres.	Acres,	den.		
1	Lineel	1,600	-800 ₀	6000		19th a second on the second of
4-Parganas	Rape and mustard	1.500	800*	800°	October to assoud > week of November.	The anwings were normal. The weather has been favourable and condition of the crops is fabr.
. (Other ollecois (excepting ffl).	800	008	200	j	
	Total	3,400	1,700	1,600		•
	Lineari	\$5.700	32,300	83,400		
Nadia	Rape and mostard	23.500	14.400	18,300	October	The sowings were normal. The weather has been favour this exce-
	Other oilseeds (except-	18,900	8,100	8,700	}	In the Ramaghet subdivision at inparts of the Sadar subdivisio The condition of the crops is good
	Total	98,100	49,900	59,400	,	
	Lineard 1	20,800	18,000	14,000)	
Murshidabad	Rape and mustard	18,900	18,800	14,700	Middle of Octo-	The sowings were normal. T weather has been favourable. T
making york	Other officeds (excepting (#).	8,700	3,100	3,400	}	condition of the grops is fair.
	Total	4h,400	99,400	33,900		
[Linsed	24,000	9,460	8,230	3	,
Jemore	Rapand mustard	49,6149	18,000	17 600	October and November,	The nowings were normal and a weather has been farentrable. I condition of the grope is good on a
1	Or er olleceds (excepting till).	3,300	1,900	3,300	j	whule.
	Total	78,900	29,300	94,100	•	
			*			
Khulas {	Rape and musta. d	29,700	18,600	19.503	Pirst week of	The sowings were normal. T
Khulus	reads and allower it.			1	November.	weather him then favourable. To condition of the crops is fair.
	Other offeeds (excepting til).	100	800	1	1	_
	Total	30,700	19,300	19,600	1	
.(Linewi	21,300	7,790	6,400	-	
Burdwan	Rape and mustard	21,100	8,100	8,200	Last week of Hep- tember to the second week of	The sowings were normal and the w that has been favourable. I condition of the crops is good
-	Cther oilseeds (excepting til)	1,500	100	H00	Reverber.	Assemble and Katwa and fair value auditivisions in the Su- auditivision the crops are suffer for want of rate.
	Total	45,100	18,999	15,400		
	Lineoni	1 400	#00°	900*		
Dishbure		2,000	3,000		Discoper	The cowings were normal.
Birbhum	Other othereds (excepting til).	200	200	800		weather has been favourable, condition of the crops is fair.

District.		Name of spring	Batimated normal area undo:	UNDERES	BANKER A	Date by which the sewing of the erops was begun	Remarks by District Officers.
	1	omee crops	attring othereds.	Last year (1918-19).	This year (1919-20).	this year.	
			Acres.	Acres.	Acres.		
	r	Linesd	1,000	1,000°	1,000	1	
ukum		Rape and mustard	7,000	3,700	4,500	October	The sowings were normal and favor able weather prevailed. The or
-	-	Other oilweds (except- ing fil),	U,000 ·	8,600	4.000		dition of the crops is fair.
		Total	16,000	- 8,300	9,600		
		Linserd	18,003	11,800	19,300		
láunpore	-1	Rape and mustard	\$1,000	11,000	11,900	October	The nowings were normal and favo able weather prevailed. The ed dition of the crops is fair.
	1	Other oilweds (excepting til).	14,500	14,000	15.200		uring or election in twice
		Total	60,800	36,860	38,700	,	•
				4			
	- 11	Elmered	800	7600	700*		
naghi);		Rape and mustard	7,900	3,600	1.800	End of October	The sowings were late for want rain. The westher has not be favourable. The condition of
	(Other offseeds (excepting fd).	9,700	700	700		crops to poor.
	1	Total	11.400	5,900	5.900		1
	į	Linemat	2,000	200	300	-	
ownsk		Rape and musterd	1,100	400	1600	Beginning of Nov.	The sowings were normal.
- W I WAS		Other olisseds (except-	100	100	100	ember.	weather has been favoural. The condition of the crops is fail
		ing (ii).					•
		Total	3,200	700	1,200		•
	1	Linewed	18,000	14,300	14,000	7	6
ajulanti i	010	Hape and mustard	74,000	87,800	48.100	Beginning of	The sowings were normal. The weather has been favoura
	1	Other elleseds (excepting till).	400	- 2,000	100	1	The condition of the crops is full
		Total	102,400	74.100	62,800		•
		Lineed	(40)	(80)*	(20)*		,
nappur		Hope and mustard	70.000	50,600	87,800	> Middle of O tober	The sowings were pormal, weather has been favourable.
		Other olimeds (excepting (ii)).	0-4	100	100		condition of the crops is fair.
		Total	70,000	50,600	87,600		
lpatguet	5	Rape and mustard	88 600	81,400	40,300	By the end of	The sowings were normal.
-gradigitet	1	Other olimeds (excepting fil).	200	900	300	October.	weather has been favourable. 'condition of the crops is fair.
		Total	88,600	\$1,000	66.500		

District.		of apring	firtimated normal Area indor opring olimeds.	UNDER	RD AREA. SPRING REDS. This year (1919-20).	Date by which the sawing of the crops was begin this year.	Remarks by District officers.
				1			*
f	Hape and	mustard _	#.crea.	Acres. 2,800	Acres. 2,806	potencia	1 -1
Parjoiling	Other oile	opilo (azen	n4- 200	290	260	Middle of October	The sowings were normal, The weath of has been favourable. The condition of the crops is fair.
	ing 1661,	()					
		Total	7,200	8,000	3,000		
	Rape and	mosturd	160,000	1 tx,000	£24,000	Latter part of	The sowings were normal. The
Rangpur	Other offer	onda (nace	nb- 1, F00	200	200	October, Normal.	weather has been favourable. The condition of the crops is good.
~ 4	ing til).		officiaries and a simulation				
		Total	161,10	118,900	\$24,200	70.00	
-	Linned	903	1,000	1,600	1,800		
Bogra (Rapeaud	mustard .	60,000	12,5000	14,000	Middle of October	The weather condition was not favourable at the wining time but
Į.	Other oils	eeda (exoe	pt• ···	800	800	<i>j</i>	has after wards became favour- able.
		Total	d1,000	18,600	16,100	-	
Pubna	Lineed	644	7,600	8,800	10,800	Pud of October	The sawings were normal. The
Pubna	Rupe and	protect	110,000	114,500	71.900		weather he a boon favourable. The condition of the crops in good
		Total	117,600	188,000	83,703		
	Linseed	***	6,000	3,500	4,000	1	
Malda	Rape and	unutard	30,000	10,003	11,000	Middle of October	The rowings were normal. The weather has been favourable. The condition of the crops is fulr.
. [Other alle	ceds (exce	2,600	1,200	1,200	,	
		Total	38,590	14,700	10,200		
, (Linecod	***	1,300*	4,600	1,600	1	
Daoon	Rape and	nustard	84,600*	74,900	18,700	Beginning of November.	The sowings were normal, The weather has been favourable. The condition of the crops is good.
, (Other oils	ends (szce	pt- 1,700*	004	1,700		The increase in area sown, as com- pared with that of the last, year, is due to some of the lands under winter produy, damaged by evelone.
•		Total	91,000	79,500	91,800	•	being utilized for growing spring others crops.
	Linscod	9 90	18,500	13,800	13,600		
Mymonalugh	Hape and	mustard	480,700	472,300	478,300	Middle of October	The nowings were normal. The weather has been favourable. The
ļ	Other one ing (4).	ects texes	pe- 800	200	300		condition of the urage is fair.
		Total	444,500	496,400	486,409	-	
. (Lineard	ноф	- 8,900	6,100	8,000	1	
Varidpar	linpe and	mustard	23,700	26,700	74.300	October	The sowings were normal. The weather has been favourable. The
	Other oile	ends (exce	p;- 1,100	1,100	1,100		oundition of the crops is good.
		Total	32,700	89,900	31,400		

1474' SUPPLEMENT TO THE CALCUTTA GAZETTE, DEC. 24, 1919.

District.	Name of spring	Bitimated normal area under	ESTIMATI CNDER OLDS	SPRING	Date at which the sowing of the	Remarks by District Officers.
;	offices crops.	spring utbreds,	fast year (1915-10),	This year (1919-20).	crops was begun this year.	
		Aores.	Acres.	Acres.	,	
1	Limed	4,600	4,400	4,400		
Bakarganj	Rape and mustard	1,100	1.600	3,000	November.	The sowings were normal. The weather was favourable at to beginning of the season, but rain in
	Other offeeds (except-ing til),	200	100	100)	the middle of Novem'er he damaged about 15 per cent, of the
	Total	2,800	6.000	7,800	•	erops. The present condition of the crops is however good. Owing to high price of mustard oil the cultivation of the crops has increased
						see the of a cool of the state and
[1	Linsord	100	100	100		
Ohitragong	Rape and mustard	5,600	2,000	2,000	Catober to No-	The nowings were normal. The weather has not been very favour able. The condition of the crops in
l	(Wher ofbords (except- ing (ff),	100	100	100		fair.
	Total	5,800	2,900	2,200	-	
	Liusced	4,880	4,300	3,200		
Tippera	Rape and mustard	34,500	26,300	26,100	Getober	The sowings were normal. The weather has been favourable. The
(Other Olleands (except-	900	603	800		condition of the crops is fair.
	Total	40,100	008,18	29,600		
	Linseed	\$,000	6,000	7,000		
Noukhuli	itupe and mustard	600	600	, 800	November	The sowings were normal, The weather has been favourable for the growth of the crups. The
,	Other allegeds (speepting til).	700	900	900	B .	condition of the crops is fair.
	Total	0.300	7,500	8,500	-	
Chittagong Hill Tracts.	Rape and inneterd	18,000	12,000	19,100	Second work of November.	The sowings were normal. The westher was favourable so long, by
			1			the present cloudy weather attends with rains has damaged the ero to some extent.
{	Lineard	228,100	144,400	145,900		
Total Bengul	Rape and mustard	4.358,600	1,125,400	1,097,100		
-	Other olisemis (except-	67,600	25,000	87,700	3	
	Total	1,649,800	1,804,800	1,280,000	-	

MONTHLY WEATHER AND CROP REPORT OF BENGAL FOR NOVEMBER 1919.

I. Character of the season.—During the middle of the month, rainfall general throughout the province. The fall was above the average was general throughout the province. The fall was above the average everywhere, excepting in Birbhum, and in some northern districts where it was defective. The usual rainfall statement is appended.

II. Progress of agricultural operations.—Harvesting of winter paddy

commenced. Sowing of spring crops proceeded favourably, though lack of moisture in the early part of the month retarded operations somewhat in parts of West Bengal. The rainfall in the middle of the month greatly facilitated sowings.

III. State of standing crops.—The condition of standing crops was

reported to be generally satisfactory.

IV. Prospects and probable outturn.—The rainfall in the middle of the month somewhat benefited the late transplanted paddy and greatly helped the growth of vegetables and other standing crops. The outturn of autumn

crops was satisfactory for the province as a whole.

V. Damage to standing crops.—Some damage to highland winter paddy was caused by drought in Burdwan and Bankura. while early cotton in the Chittagong Hill Tracts suffered from too much rain in the middle of the month. Ufra disease and insects caused some damage in parts of Faridpur and Noakhali.

VI. Condition of agricultural stock.—The condition of live-stock was reported to be fair on the whole. Cattle-disease was, however, reported from places in Nadia, Murshidabad. Khulna, Birbhum, Jalpaiguri, Darjeeling,

Malda, Mymensingh, Faridpur and Tippera.

VII. Failure of pasturage and fodder.—The supply of fodder was sufficient throughout the province except in parts of Khulna and Faridpur where insufficiency of fodder was reported.

VIII. Prices of food-grains.—During the second fortnight of the month the price of common rice rose in the districts of Florida.

month the price of common rice rose in the districts of Khulna, Bankura, Dacca, Noakhali and the Chittagong Hill Tracts, fell in twelve districts and remained stationary in the remainder. It varied from 41 seers a rupee in Khulna. Rangpur, Mymensingh and Bakarganj to 7 seers a rupee in Birbhum and Chittagong.

IX. Condition of agricultural people. - The condition of the agricultural

population shewed a tendency towards improvement.

R. S. FINLOW,

Offg. Director of Agriculture, Benyal.

DACCA, the 12th December 1919.

Statement showing the normal and actual rainfall in each district during November 1919.

Presidency 24-ifarganas		ber 1919.				for the month of Novem-	for the month of Novem- bur 1919.	from the normal.
Presidency Calcutte Nadle Murshidabad Jessure Khulna Burdwan Highbum Hankura Mulnahure Hooghly Howrah	Inches.	luches.	Inches.			Inches.	Inches,	Inches
Presidency Calcutte Nadle Mursividabed Jessure Khutna Burdwan Hirbbum Hankura Midnahore Hooghly Howrah	0.80	2'49	+ 1-69		Rangpur	0.23	0.08	29
Murshifabad Jesser Khuha Rurdwan Inrdwan Iirbhum Iirbhum Iinkura Mulnahore Hooghly Iowrah	D. et B	1195	+ 1'30	Rajthahi -	Bosera	0103	n:27	- 0125
Murshifabad Jessur Khuha 0.66	1.09	+ 0 39	conclut.	l'abna	0'48	0°n8	+ 0'45	
Jessare Khutna Hardwan Hardwan Hardwan Hardwan Hardwan Hardwan Midnahore Houghly Howrah	0.34	0170	+ 0.60		Maida	- 0166	n.99	+ 0.10
inrdvan	0.80	1'49	+ 0.69					
hardwan Hirbhum Hankura Midnajure Howah	0.89	3.20	+ 2.74					
hardwan Hirbhum Hankura Midnajure Howah		i			Daces	0187	1.80	+ 0.63
hardwan Hirbhum Hankura Midnajure Howah		1		Dough	Mymensingh	0.28	0'71	+ 0.13
Burdwan Hankura Malnahore Hoogality Howrah Howali		0165	441	Editoria	Paridpur	0174	3:07	+ 1 23
Midnahore and Honghly and Howealt		0.40	- 0°11	1	Hakarganj	1:21	3144	+ 2,33
Rogally		0'36	+ 0.01					1
Howran		1.78	+ 0.86					
		0'97	+ 0188	1 (Chittagong	1:03	4147	+ 2'84
	0.63	1784	+ 0'71	Chittagong	Tippera	0.83	2:67	+ 1.70
				r Hannell water	Noakhall	1-60	3,36	+ 0.14
/ Raistiahi				1	Chittagong Hill	1.71	3-05	+ 1184
		0193	+ 0.46	f	Tracts.			
li Dinajpur '		NII	- 0.38					
tajshahi 1 Jalpaiguri	0.53	0.43	- 0.11			-		
Dagiecling	0'67	0.33	- 046		Cooch Behar	0*95	0.	- 0:35
	1							

DISTRICT REPORTS ON WEATHER AND CROPS.

For the week ending on the 11th December 1919.

Summary.—The week was rainless. Reaping of winter paddy is in full swing. Sowing of spring crops is fast approaching completion. The condition and prospects of standing crops are so far reported to be promising. The average price of common rice for the province has fallen by about 5.63 per cent. as compared with that of the previous week.

Serial	District and	liajofail	PRICE OF CO	MMON RICE, IN MR HUPER	Character of the weather, condition of crops, etc.
No.	aubdirläjon.	1	This week.	Previous week.	
1	1	8	4	5	6
		Inches.			
1	24-Parganas	Nil	{ 5 6 g*	5 65°}	Harvesting of sugarcane and winter paddy continues. Water is sufficient.
	Diamond	Nil	{ 5 1 6 6 6 6 6 6 6 6 6	(11)	Prospects of standing crops are good.
	Harbout Barrackpore	Nil.	$\begin{cases} 4\frac{4}{6} \\ 6 \end{cases}$	4 1 6°	
1	Barasat	(11)	(n)	5	
	Basirbat	Nil	{ 61 § 54 *	4# 5#*	
2	NADIA	Nil	{ 5} } } 68*	511 68 }	Prospects of standing crops are favourable. Harvesting of anum paddy con-
	Kushtia	Nil	5	5	finues.
	Meherpur	Nil	5₹	54	1
	Chuadanga	Nil	$\left\{ \begin{array}{l} 6 \\ 6 \end{array} \right\}$	5 ¥ 6*	•
	Ranaghat	Nil	5	5	
3	MURSHIDABAD	Nil	6†	641	Prospects of standing crops are fair.
	Lalbugh	Nil	61	-511	Sowing of rabi crops has been finished. Harvesting of winter paddy continues. Fodder is sufficient. No large import
	Jangipur Kandi	Nil Nil	53† 6†	5 <u>1</u> † 51†	or export of rice. Cattle-disease is reported from Murshidabad thana in Lalbagh subdivision.
4	JESSORE	Nil	{ 6 6*	5 ls 6 · }	Standing crops are doing well. Harvest- ing of winter paddy continues. No
	Jhenidah	Nil	6	6	large import or export of rice. Fodder
	Magura	Nii	{ 6 ·	5 5{}•	is sufficient.
	Narail	Nil	{ 5 1 6 6 6 6 6 6 6 6 6	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	
,	Bangaon	Nil	51	51	
ð	KHULNA	Nil	$\begin{cases} 6 \\ 6 \end{cases}$	5ª 6* }	Harvesting of aman paddy is in progress. Fodder and water are sufficient.
	Satkhira	Nil	5	5	roddor and water are sunicient.
	Bagerhat	Nil	$\left\{\begin{array}{c} 5\frac{3}{4} \\ 6^{\circ} \end{array}\right.$	5‡ 5§*	

* Burma rice.

† Course rice.

(n) Not reported.

Serial No.	District and	Bainfall.		NE RUPER.	Character of the weather, condition of crops, etc.
100.	Park Const. To projecting to		This week.	Provious week.	
1	3	8	4	* •	8
6	Burdw n	Inches - Nil	5	5	Weather seasonable. Sowing of potatoes and other rabi crops continues. Sugar-
	Asansol 'Katwa	Nil Nil	61 51	6† 5 <u>‡</u>	cane and other standing crops are doing well. Harvesting of winter paddy con-
	Kalna	(n)	(n)	4 g	tinues. Cattle-disease is reported from thana Katwa.
7	BIRBHUM	Nil	61	6	Aman paddy is being harvested. Prospects of standing crops are fair. Fodder
	Rampurhat.	Nil	64	6 }	and water are sufficient. Burma rice is not available.
8	BANKURA	Nil	61	6	Export of rice and paddy is going on. Reaping of aman paddy continues.
	Vishnupur	NII	64	7	Prospects of standing crops are good.
9	MIDNAPORE	Nil .	518	51 61 61 }	Harvesting of winter paddy and sowing of rabi crops are progressing. Prospects of standing crops are fair. Outturn of
	Ghatal	Nil	{ 4 1/2 5 1/2 1/	411 5†	winter paddy is fair.
	Tamluk	Nil	$\left\{\begin{array}{c} 4_{10}^{9} \\ 5_{16}^{2} \\ 6 \end{array}\right.$	4 1 6 7 6 7 6 6 8 6 6 8 6 6 8 6 6 6 6 6 6 6	
	Contai	Nil	61	51,	
10	Нооенгу	Nil	{ 43 to 55 to 64 *	$\left\{ \begin{array}{c} 48 \\ 574 \text{ to} \\ 68 \end{array} \right\}$	Effects of weather on the growth of the crops are favourable. Fodder is sufficient.
	Serampore	Nil	$\left\{\begin{array}{c}54\\6^{\bullet}\end{array}\right]$	5 1	,
•	Arambagh	Nil	6§	63	
11	Howrah	Nil	$\left\{\begin{array}{c}4\frac{1}{2}\\6\frac{1}{2}\end{array}\right.$	$\left\{egin{array}{c} 4rac{7}{16} \ 6rac{5}{3} \end{array} ight\}$	Harvesting of aman paddy continues. Condition of sugarcane and rabi crops is
	Ulubaria	Nil	{ 44 6 2 6	$\begin{pmatrix} 4\frac{1}{6} \\ 6\frac{1}{3} \end{pmatrix}$	fair. Planting of sugarcane for next year has commenced. Sowing of rabi crops continues. Fodder is sufficient.
12	RAJSHAHI (RAMPUR- BOALIA),	Nil	6	6	Prospects of standing crops are fair. Harvesting of winter paddy continues. Fodder is sufficient.
	Naogaon	Nil	64	6‡ 5‡	S. S.
	Nator	Nil	710	53*	
13	DINAJPUR	Nil	{ 5§ 4 8 }	4 8	Fodder and water are sufficient.
	Thakurgaon	Nil	{ 44 } 5§ }	44	
3	Balurghat	. Nil	$\left\{\begin{array}{c} 6\\85\end{array}\right\}$	6	·
14	JALPAIGURI	Nil	5 {	64	Prospects of standing crops are fair Fodder and water are sufficient.
	Alipur	Nil	6 6	4 6*	The state of the s

Nortal	District and	Hatofall.		DELL RUPER	Character of the weather, condition of crops, etc.
No.	i unimitativimi	Itariiwi.	This week.	Previous week.	
1	2	3		3	6
		Inches			
15	DARJEELING	Nil	{ \frac{43}{4}} \\ 5\frac{1}{4}\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	48 54• }	Winter paddy and murua are being harvested. Winter potatoes wheat and
	Kurseong	Nil	{ 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	54*	barley are being sown. Stock of rice is sufficient. Fodder and water are suffi-
	Siliguri	Nil	{ 5\\\ 6\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	5	cient. Cattle disease is reported from some places.
	Kalimpong	Nil	{ 5 5 5 1 °	5‡ 51°	
16	RANGPUR	Nil	6 {	1 1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Sowing of rabi crops is almost finished.
	Nilphamari	Nil	518	5	Harvesting of winter paddy is in full swing. Price of rice is falling owing to appearance in the market of new rice.
	Kurigram	Nil	54	4	Fodder and water are sufficient.
	Gaibandha	Nil	57	5 5+2*	i
			ì		
17	BOGRA	Nil	6#	6186	Prospects of standing crops are fair. Harvesting of winter paddy continues.
18	PABNA	Nil	{ 5 6* 5計	5 6* }	Prices are rising at Sirajganj. Fodder is sufficient.
	Sirajganj	Nit	{ 4 5 i*	\\ 5\\\ 5\\\\ \\ \\ \\ \\ \\ \\ \\ \\ \\	Harvesting of winter rice continues. Prospects of standing crops are good.
19	MALDA	Nil	$\left\{\begin{array}{c}5\frac{1}{6}\\6^{\dagger}\end{array}\right\}$	å∤	Fodder and water are sufficient.
20	COOCH BEHAR	Nil	53	5∄	Weather seasonable Harvesting of hai- mantic paddy continues. Condition and
					prospects of standing crops are favourable. Fodder and water are sufficient. Burma rice is not available.
			f 5	47)	
21	DACCA	Nil	6.	53.	Condition and prospects of winter rice and rabi crops are good. Fodder is dear
	Manikganj	Nil	\$ 5 54*	51	at Munshiganj.
	Narayanganj	Nil	{ 5½ 6° 5½	48 64* 54†	•
1	Munshiganj (a)	Nil	6	6.	
22	MYMENSINGH	Nil	{ 4 54 •	4 5}	Harvesting of winter paddy is in progress.
	Jamalpur	Nil	3 1 6 1 0	81	Sowing of rabi crops is finished. Prospects are good. Fodder and water are
	Tangail	Nil	3 3 6	3 8	sufficient.
	Netrakona	Nil	49	44	
	Kishorganj	Nil	{ 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	5 64*	

* Burma rice. † New.

(a) Munsbiganj being very near to Dacca and Narayanganj, its rainfall statistics are not quoted. To give information regarding the morthern part of the district, rainfall digures for Kapasia thans are reported here.

gerial	Districts and	Rainfall.		MMOR RICK IN FRE SUPER.	Character of the weather, condition of crops, etc.
No-	subdivisions.	PORTEII BIE	This week.	Previous week.	Character of the weather, outdistant of trops, esc.
1	2	3	4	3	6
		Inches			
23	FARIDPUR	Nil	{ 5 6}*	5 64.	Harvesting of aman paddy continues. Prospects are fair. Fodder is sufficient.
	Goalundo	Nil	6 6	6	· Cattle desease is reported from the Sadar subdivision.
	Madaripur	Nil	{ 5½ 5,1% •		77007788 7 804 0286
	Gopalganj(a)	Nil	6.	5 <u>5 <u>5</u></u>	
24	BAKARGANJ (BARISAL).	Nil	{ 68 8°	3	Fodder is sufficient. Prospects of standing crops are good.
	Pirojpur	Nil	518	5 §	
	Patuakhali	Nil	69	6§ 6½*	
	Dakshin Sha- bazpur (Bhola).	(36)	(21) {	3; 4;	
25	CHITTAGONG Cox's Bazar	Nil Nil	{ 6½† 6½† 6½†	610 610 611 611	Cultivation of rabi crops is in progress. Prospects of standing crops are fair. Flarvesting of aman paddy is in progress. Panga salt is selling at 9 and 10 seers per rupee, both at Sadar and Cox's Bazar.
					respectively. Fodder is sufficient.
26	TIPPERA (COMILLA).	Nil	648	61	Harvesting of aman paddy is going on. Prospects are good. Sowing of rabi
	Brahman- baria.	Nil	{ 7,3,5	6 8 713	crops is going on. Prospects are fair. Price of rice is falling.
	Chandpur	Nil	{ 6%•	64 64	
27	NOAKHALI	Nil	71	5	Prospects of standing crops are fair. Fodder is sufficient. Cattle-disease is reported from thana Chhagalnaya.
	Feni	Nil	8	7‡	TO DO TO THE TABLE OF THE PARTY
28	CHITTAGONG HILL TRACTS.	Nil	\$ 6†	5 6† }	Prospects of aman paddy are fair. Harvesting of cotton crop and cultivation for rabi crops continue. Fooder is sufficient.

⁽a) The rainfall at Haridanpur, which is very near to Gopalgan), is shown here.

• Birma rice. | † Local rice. | \$ Aus rice. | \$ Nav.

(a) Not reported.

J. C. ROY,

for Director of Agriculture, Benyal.

DISTRICT REPORTS ON WEATHER AND CROPS.

For the week ending on the 18th December 1919.

Summary.—There was no rainfall during the week. Harvesting of winter paddy is in brisk progress. Sowing of spring crops is almost completed. Condition and prospects of standing crops are reported to be favourable. The average price of common rice for the Province has fallen by about 4.64 per cent. as compared with that of the previous week.

Serial	District and	Rainfall.		MMON RICK, IN BE RUPER.	Character of the weather, condition of crops, etc.
No.	entidivision.	F600 2 13 5 00 43 4	This work.	Previous week.	Commenter of the Action of Property of Camber
1	2	. 8	4	8.	6
-		Inches.	,		
1	24-Parganas	Nil	{ 5 6 g •	$\left\{\begin{array}{c} 5 \\ 65 \\ 511 \end{array}\right\}$	Harvesting of sugarcane and aman paddy continues. Water is sufficient. Pros-
	Diamond Hurbour.	. (n) .	(11)	{ 5 6 6 6 6 6 6 6 6 6	pects of standing crops are good.
	Barrackpore	Nil	{ 4ª 6°	6*	
	Barasat	Nil	5 1	(n)	
	Busirhat	Nil	{ 6\\ 5\\\ 5\\\\ \ \ \ \ \ \ \ \ \ \ \ \	64 58*	
					1
2	NADIA	Nit	{ 511 638	5 1 6 8 3 4 5 6 1 6	Prospects of standing crops are favour-
	Kushtia	Nil	1 6g* 5	5	able. Harvesting of aman puddy continues.
	Meherpur	Nil	5 }	54	
	•	Nil	{ 5 ³ / ₄ 6	51	
	Chuadanga		,	6.	
	Ranaghat	Nil	ð		
3	MURSHIDABAD	Nil	611	6†	Prospects of standing crops are fair.
	Lalbagh	Nil	611	6†	Harvesting of winter rice continues. Fodder is sufficient. No large import
	Jangipur	Nil	641	3 3 †	or export of rice. Burma rice is not available.
	Kandi	Nit	611	6†	
				(6)	
4	JESSORE	Nil	6	{ 6° }	Standing crops are doing well. Harvest- ing of aman paddy continues. No large
	Jhenidah	(M)	$\binom{n}{6}$	6	import or export of rice. Folder is suffi-
	Magura	Nil	6°	6° 5}}	
	Narail	Nil Nil	(6"	6° 51.	
-	Bangaon	74.11	511) Pr	
5	KHULNA	Nil	61	{ 6 6 1 0 }	Weather seasonable. Harvesting of aman
	Satkhira	Nil	{ 5 % 7 °	5	paddy has commenced. Fodder and water are sufficient.
1	Bagerhat	Nil	6 61	53	

erial	District and	Rainfall.		MMON RICE IN PER RUPEE.	Character of the weather, condition of crops, etc.
No.	Billodivinos.		This work.	Previous week.	,
1	3	3	4	5	6
		Inches			
6	BURDWAN	Nil	5	5	Weather cold. Harvesting of aman paddy continues. Sugarcane and other stand-
,	Asansol	Nil	64	63	ing crops are doing well.
1	Katwa Kaina	Nil Nil	5 t	$\frac{5!}{(n)}$	
	Kaina	7411		(16)	
7	BIRBHUM	Nil	64	61	Harvesting of winter rice continues Prospects of standing grops are fair
	Rampurhat	Nit	61	61/2	Fodder and water are sufficient.
8	BANKURA	Nil	6	64	Reaping of aman paddy continues Prospects of standing crops are good
i	Vishnupur	Nil	61	65	Export of rice and paddy continues.
			(518	5#8)	
9	MIDNAPORE	Nil	68	68*	Prospects of sugarcane are fair. Harvest ing of winter rice is progressing
i				(4)	Fodder is sufficient.
	Ghatal	(n)	(n)	{ 5† 5 k‡	
	Tamluk,	Nil	$\left\{\begin{array}{c} 5\\5\\6\\6\end{array}\right\}$	4 1 8 5 1 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	•
	Contai	Nil	$\left\{\begin{array}{c} 6\frac{1}{4} \\ 7^{\dagger} \end{array}\right\}$	64	
			(43	42	,
10	HOOGHLY	Nil	5 8	5½ to 64°	Effects of weather on the growth of th
	Serampore	Nil	$\left\{\begin{array}{c} 5\frac{1}{4} \\ 6^{\circ} \end{array}\right.$	51	crops are favourable. Fodder is sufficient. Price of rice is steady.
	Arambagh	Nil	62	63	
			1 44	4 1	•
11	HOWBAH	Nil	63.	64.	Weather seasonable. Harvesting of ama paddy and planting of sugarcane cont
	Ulubaria	Nil	{ 49 6 %*	61230	nues. Prospects of sugarcane are fai Fodder is sufficient.
12	Rajshahi	Nil	. 63	6	Prospects of standing crops are favourable Harvesting of winter rice continue
	(RAMPUR- BOALIA). Naogaon	Nil	64	64	Fodder is sufficient.
	Nator		6 7.	68	
				(13	
13	DINAJPUR	Nil	51	5	Prospects of standing crops are good.
	Thakurgaon	Nil	51	. 5	
	Balurghat	Nil	7 ½	8	
14	JALPAIGURI	Nil	5	- 5	Prospects of standing crops are fai
			1 (5	4.5	Fodder and water are sufficient.

nerial :	District and	Rainfail.		OMMON RICE, IN PER RUPUE.	Character of the weather, condition of crops, etc.
No.	subdivision.	Kaanmu.	This week.	Previous wook.	Apple and the proper
1 -	\$	•	4	۵.	6
,		Inches			
15	DARJEELING	Nil	{ 9 [‡] • 4 [‡]	ð¥}	Winter paddy and marua are being har- vested. Potatoes, wheat and barley are
	Kurseong	Nil	{ ·5 5₹*	5 5†*	doing well. Stock of rice is sufficient. Fodder and water are sufficient. Cattle
	Siliguri	Nil	5 1	{ 5 k 6 c 6 c 6 c 6 c 6 c 6 c 6 c 6 c 6 c 6	disease is reported from some places.
	Kalimpong	` Nil	{ 5 is a second of the second	5 54*	
16	RANGPUR	Nit	51	6	Weather seasonable. Harvesting of
	Nilphamari	(n)	(n)	513	winter paddy is going on and that of potatoos has commenced in some places
	Kurigram	Nil	51	51	Prospects of rahi crops are good Fodder and water are sufficient. Price of rice is falling.
	Gaibaudha	Nil	5%	54	
17	BOGRA	Nil	68	{ 6§ }	Harvesting of winter rice continues. Prospects are fair.
18	PABNA	Nil	51 51 6°	5 5 6°	Fodder is sufficient.
	Sirajganj	Nil	{ 4 5 } •	} 4 51*	•
19	Магла	Nil	61	{ 5‡ }	Harvesting of winter rice continues Prospects of standing crops are good Fodder and water are sufficient.
2()	COOCH BEHAR	Nii	64	54	Weather seasonable. Harvesting of hai mantic paddy continues. Standing
			,		crops are doing well. Fodder and water are sufficient. Burma rice is not available.
21	DACCA	Nil	{ 6 6 m	6	Weather seasonable and favourable for
	Manikganj	Nit	{ 5 a a	ā āţ*	the growth of rabi crops. Harvesting of winter rice is nearing completion. Fodder is dear at Munshiganj subdivision Water is sufficient. The new rice and gur are coming into market.
	V	N721	16	54	
,	Narayanganj	Nil	6°	54	
	Munshiganj (a)	Nil	68*	6.	•
22	MYMENSINGH	Nil	{ 5½ · 5½ ·	4 54.	Weather seasonable. Harvesting of winter rice is going on. Transplanta
	Jamalpur	NH	{ 5 64°	34.	Prospects of crops are good. Fodder
	Tangail	Nil	5 5 5	313	and water are sufficient. Cattle-disease is reported from Netrokona subdivision.
	Netrakoma	Nil	44	15.	
	Kishorganj	Nil	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	6 63 *	, •
			(03	01	

⁽N) Not reported.

Burma rice.

(a) Munshigan being very near to Dacca and Narayangan, its rainfall statistics are not quoted. To give information regarding the northern part of the district, rainfall figures for Kapasia thana are reported here.

BENGAL	FOR	THE	MONTH	OF	NOVEMBER	1919.
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Divisios.		Parsingsor.				BCRDWAX		
DISTRICT.	14-Farguman	Nodia	Muralidas bad.	Jamora	Khulma	Furdwan	Birtshuen	Bustines
: 	Sauger Island Distributed Distributed Budges Binige. Country Town. Attrore. Barrask porce. Doma-Bon. Barrask Barrask Barrask Barrask	limmahnt Krushmagne, Chimdunga, Mehrepure, Kushtin, Haringhuta,	Kaudi Bechampore, Ludwigh, Azimalani, Jangepur, Lulgola, Akrigani, Putkabuel, Dunkal, Katlyanganj,	Narvii Jamore, Jhoulda, Mastiro, Bougaon,	Sathbira Barechat, Khuina, Kaliganj, Nakipir, Dumorla, Hampal, Kararea, Pakigacha, Moralganj, Tala,	Kuloa Burdwan, Kutwa Annusol, Mankar, Mankar, Mosna, Monteswar,	Surt Hetempore. Hampor hat. Bolpura Surarsi. Labpur.	Banknea Vistnupur. Mutters Khatra. Instas. Kolalpur. Omin. Gangalaighati. Radpur. Somanaikhi. Tathanga. Saranita. Indpur. Arthen. Barjora. Simiapai. Mejin. Simiapai. Mejin. Simiapai. Mejin. Simiapai. Mejin. Simiapai. Mejin. Simiapai. Mejin. Simiapai. Mejin. Simiapai. Mejin. Simiapai. Mejin. Simiapai. Mejin. Simiapai. Mejin.
No rad rainfail from 18: October 19: 3.3h November 19:19.	0.164 0.164 0.177 0.164 0.164 0.181 0.164	4196 5104 4190 4196	413 4389 4147 1 3185 4130 1	4'73	5128 5179 5120 7145 5184 4190 5184 5184 5134 6135 6135 6135	6167 8129 6129 3129 2196 2198 (19) (19)	3139 3107 3125 3180	2166 213 113 435 2163 2163 2163 2163 2163 2163 2163 2163
Total rateful from list of tober 10 for. November 1919.	5/84 5/83 5/83 5/84 5/87 5/87 5/87 5/87 5/87 5/87 5/87 5/87	1/80 3/78 9/96 4/08 0/65 1/00	3130 4162 1151 1124 2107 1160 7190 214 4173 2116	8:44 4:60 4:12	8-968 7-19 4-01 8-68 9-68 9-61 4-64 9-61 4-64 9-61 7-73 4-91	2113 2179 2161 1160 2161 1160	2:40 8:90 8:18 1:39 6:32 3:75	2:01 4:05 1:28 1:61 3:67 0:94 4:39 0:93 0:38 3:12 2:14 1:05 2:16 0:34
Bereinf rainfall	3:8× 1:16 8:62 1:10 1:10 1:75 1:75 1:70 1:70	1:20 0:90 0:80 0:80 0:35 0:35	0:50 0:68 0:84 0:48 0:84 0:16 0:56 0:56 0:57 1:65 0:45	1°44 1°44 0°83 0°80 1°37	3124 3130 1134 4150 2150 1138 2160 2160 2160 2160 2160 2160 2160 2160	0.85 0.40 0.40 0.40	NII 0'67 0'65 0'36 NII 6'65	0.48 0.48 0.48 0.48 0.48 0.48 0.48 0.48
Normal rainfall for the month.	1:33 0:90 0:64 1:16 0:65 0:74 0:50 0:50	0°70 0°74 0°68 0°56 0°56 0°60	0.84 0.84 0.87 0.47 0.47 0.48 0.64 0.64	0761 0791 0770 0788 0734	0.67 0.72 0.73 0.75 0.75 0.75 1.16 0.48 0.69 1.06 1.25	8784 0780 0785 0785 0785 0785 (n)	0148 1150 1150 1152 11748 11755	0.49 0.34 0.74 0.70 0.70 0.65 0.65 0.65 0.65 0.65 0.65 0.65 0.6
Total minute for the manth,	4137 2164 1128 3162 1100 1108 2108 2108 2108 3147	1:50 1 1:31 1:22 0:91 0:35 1:00	0.58 9164 -0.89 9748 9748 9748 9746 1756 1704 1755 9745	2 04 2 12 1 00 1 12 1 65	8:15 4:16 4:18 3:64 1:65 2:69 3:70 4:70 8:17	0.50 0.82 1.14 0.38 0.20 0.40	NR 0'87 0'46 0'46 NR 0'65	0 67 0 89 0 99 0 97 0 70 0 70 0 70 0 70 0 70 0 7
A verage anmber of camp days.	1'4 1'3 1'1 1'3 1'1 1'0 1'0 1'0	0°7 0°7 0°7 0°8 0°9	0*0 0*6 0*7 0*6 0*8 0*8 0*8 0*8 0*8 0*8	1°0 1°1 1°0 1°0	1-8 1-8 1-10 1-10 1-11 1-10 1-11 1-11 1-	0'8 0'8 0'7 0'7 0'7 0'8 Lm)	0 H 0'R 0'8 0'7 0'7 0'7	0:8 0:7 0:9 1:1 0:9 0:7 0:8 0:8 (n) (n) (n) (n) (n) (n)
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PRIBIDERCY.	Murabida- bad.	Kandi Berbampore Lalbagh Asinganj Jangjour Lalgoia Akriganj Patkabari Dumkai Kallyanganj	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	000 000 000 000 010 000 010 000 800	000 000 000 000 000	000 001 001 000 000 000 000	000 000 000 000 000 000 000 000 000	000 000 010 000 000 000 000	000 000 000 000 000 000 000 000 000	0000 0000 0000 0000 0000 0000	000 000 000 000 000 000 000	000 000 000 000 000 000	000 000 000 000 000 000	900 000 000 000 900 900 900	000	000 000 000 000 000 000 000 000 000 00	0°18	0.08 0.48 0.16	0'80 0'68 0'64 0'64 0'77 1'85 0'46	0.03	000	0-04 0-05 0-05 0-04 0-08 0-08 0-08 0-08	#65 649 899 899 499 849 849 849 849 849 849 8
	Jessoye	Narati Jessore Jhenida Magura Bongaon	*** *** *** *** *** *** *** *** *** **	420 460 460 460	020 020 020 020 020	012 300 000 600	010 010 000 000 000	010 010 015 040		000 000 000 000	966 VEG 666	440	000 000 000	Equi	000	044 044 040	1.48 0.08 0.80 0.80	0°86 1°84 0°82 0°83 1°87	0°70 0°08	0.08	0 a p	600 600 940	000 000 000 000 000 000 000 000 000 00
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	Bartwan	Kaina hurtwan Katwa Asamol Manhar Mangalkot Boyra ⁵ Monteswar	020 052 002 000 000 000 000 000	004 040 040 040 040	0° 5 000 000 000 000 000	000 000 000 000 000 000	000 000 000 000 000 000	445 444 444 444	000 000 000 400 1000 400	000 000 000 000 000 000	000 000 000 000 000	000	900 Bee 500 500 500 500 500 500 500 500	000 us6 000 000 000	1 000 1 000 1 000 1 000 1 000 1 000	0.06	0.00	0.12 0.12 0.12 0.40 0.40	0.80 0.44 0.49 0.38 0.38	0:01	000 000 000 000 000	200 000 200 200 200	000 000 000 000 000 000
BUNDWAN.	Birbhum	Suri Hetampur Harupurhat Holpur Murarai Laupur	010 006 007 007	010 050 001 000	500 500 500 450	000 000 000 000 000	001 001 000 000 000 €	010 010 000 000	- 0x0 - 0x0 - 0x0 - 0x0 - 0x0 - 0x0 - 0x0 - 0x0	0 + 4 0 + 6 0 + 6 0 + 6 0 + 6 0 + 6	0.0 000 000	000 011 000 100	001 540 001 860 000	000 000 000 000	0 hh 0 e i 0 m 0 m 0 m 0 m 0 m 0 m 0 m 0 m 0 m 0 m	000	92-9 	010 640 134 000 000	0°67 0°48	007 007 000 000 000	0.30	0.10	
	Baukura	Rankura Vishuupur Matisra Khatra Indas Kotalpur ^e Ondas	010	000 000 000 000	000 000 000 000	901 900 900 900 900	010	959 946 774 250 894	044 004 004 000 000	010 010 000 000 000	010	000		000 000 000 000 000	000 000 000	900 1 000 204 204	0162	0.86 0.40 0.08 0.31	0-19 0-65 0-83 0-26 0-86	0.03	000	1	004 001 601 011 011
		Gangajaigka Raipur Sonamukhi Taidangra Sarauga Indpur [®] Arhra Sarjora [©] Simiapal Meji Siromonipur Palandauga [®] Ubatua Hanibandhe Zaitora [©] Joppur [®] Ambikanaga	600 600 600 600 600 600 600 600 600 600	0	000 000 000 000 000 000 000 000 000 00	# # # # # # # # # # # # # # # # # # #	000 000 000 000 000 000 000	035 040 4 005 005 006 006 006	100 100	000	0-00 000 000 000 010 010 010 000	000 000 000 000 000 000	000	0.0 ddd 000 000 000 000 000	000 000 000 000 000 000 000 000 000	0.08	0.10	0-85 0-88 0-88 0-42 1 0-43 0-60 0-88	0.40	000	000	Pos 000	000 071 033 044 000 000 000 000 000

BENGAL FOR THE MONTH OF NOVEMBER 1919.

at	93	25	216	25	36	37	38	39	80	38	Number of rainy	A verage number of calay days.	Total reinfall for the mouth.	Normal rainfall for the mosth.	Heaviest raisfall during the month.	Total ratufall from ist setober to 38th November 1919.	Normal rainfail from 1st October to 32th November 1919.	Station.	DISTRICT.	Division.
	***	000	999	***	00-0	0.8% 150	pre	94.0	000 440	110	3 3	114	4'87 3'03	1.83	8*88 8*78	\$-84 \$-84	9.61 8.63	Saugor Island Diamond Harbour.	34-Parganas	
	000 040 040 040 040 040	000	900 841 127 900 847 940	909	000 000 000 000 000 000	000 000 000 000 000	000 000 000 000 000	000 000 000 000	000	610 507 664 450 450 930	3 3 3	1·1 1·3 1·1 1·0 1·0	3.42 3.42 1.34 1.34 1.36 1.39	0°84 1°16 0°45 0°74 0°59 0°59	3162 1174 1116 1176 2100 3120	1'88 4'87 / 3'41 2'47 / 5'24 3 Hh 4'93 /	6*41 6*77 4*48 4*41 4*81 4 61 8*90	Budge-Buige. Cauning Town. Alipore. Barrankport. Dum-Dum. Barasat. Smirhat.		
pec) 611 612 613 614 614 615 616	****	408 470 400 500 500	000 010 010 010	000 0-0 042 044 -47	0.20 Hon Pho Hon Hon Hon Hon Hon Hon Hon Hon Hon Ho	000 441 000 000 000	000 000 000	419 940 940 940 940	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	***	3 3	0°7 0°9 0°7 0°8 0°9	1:30 1:31 1:23 0:35 1:00	0:70 0:74 0:85 0:58 0:40	0.39 0.39 0.39 0.39	1:80 8:73 8:96 4'0H 0:NS 1:00	4'08 6'04 6'06 4'30 6'86	Ranagint Krishingar, Chundauga. Metapore, Kushtia. Hariughata.	Nulla	PAKSIDESET.
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DAILY RAINFALL RECORDED IN

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Division.	District.	Seution.		E.	3	B	4	8	6	7	16	•	. 10	1	i La	13	14	10	16	17	18	19	26
	24-Parmana	Saugor Islan Dianword Harbour Botze-Buda Cauning Tov Allpore Barrackpore Dum-Pum haraaat Basirinat	0	000 000 000 000 000 000	000 000 000 000 000 000 000	000 000 000 000 000 000	0x8	000 000 000 000 000 000 000	1 000 WAR	100 100 100 100 100 100 100 100 100 100	011 001 001 011 001 001		DFOR	000	0.00 0.00 0.00 0.00 0.00 0.00 0.00	000 939 010 010 000	0:22 0:15 0:07 0:07 0:08 0:24	3/88 1/56 1/62 1/74 1/16 1/75 2/00 3/00	0119 0104 0118 0111 0407 0198	0.00 0.00 0.00 0.00 0.00	001 234 032 000 000 000	035 035 035 045 045 045 045	002 132 004 132 143 143 143
ecr.	Nadia	Ransgint Krishnagar Chundanga Meherpur Kuchita Hariughata	**** **** ****	100	######################################	0:45	0:55	000	000 000 000 000	000 000 000 000 000	000 917 041 000 000	000 000 000 000 000	#40 #40 #40 #40		000 000 000 000 000 000	#00 #25 400 000 300	100 400 **** \$ 010	1*20 0*30 0*30	013 0141 0180 0186 0136	0*18		### ### ### ### ### ###	
PREBIDENCE.	Murshida- bwd.	Kandi Berhampore Laibaghi Jangipor Laipola Aktiganj Patkabari Dumkal Kallyanganj	GEO GEO GEO HET PAR PR PAR OGG	# 0 d d d d d d d d d d d d d d d d d d	440	000 000 000 000 000 000	000 011 010 010 010 010 010	000 000 000 000 000 000	0 h t d t d t d t d t d t d t d t d t d t	000 001 000 000 000 000 000	000 000 000 000 000 000	007 200 402 403 400 400 400	000 000 000 000 000 1 000 1 000 1 000	000	000	010 010 010 010 010 010	0*15	0.16	0°50 brits 0°64 0°54 0°77 1°55 0°45	0'04	000 000 000 000 000 000 000		6 6 6 6 6 6 6
	Jessore	Narail Jessoro Jhonida Magora Bongaon	**** *** *** *** *** ***	000 000	****	010 016 041 040	### ### ##############################	000	012 012 000	010 040 010 010 010	460 460	040 440 440 4 0+7 400	000 000 000 000	### ### ### ### ### #### #############	049	900 900 400 414	1148 0108 0183 0180 0108	0°56 1°34 0°23 0°32 1°87	0°70 0°03	0.08	964 491 503	000 000 000	1 012
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* Haturn not received.

E	NG/	AL	FC	OR	Th	IE	MC	THC	H	OF	N	OVE	MB	ER	191	9-0	onto			
91	22	23	34	20	36	27	28	29	50	81	No. of rainy days.	Average number of rainy days.	Total rainfail for the mouth,	Normal rainfall for the month.	Heavier: rainfall during the month.	Total rainfall from 1st Oct. up to 36th Nov. 1919.	Normal ratefail from 1st Oct. ap to 30th Nov. 1919.	Station.	DISTRICT.	DIVISION.
cars goth sern goth goth goth goth goth goth	0070 970 002 002 000 000 000	004 007 042 441 041 002 402	000 000 000 000 000 000 000	000 000 000 000 000 000 000	000 000 000 000 000	000 000 000 000	648 640 640 640 640 640 640 640	949 994 440 694 940 689	400 440 440 600 600 600 700	900 400 100 200 400 900	2 2 2 2 2 2	1 '2 '0 '0 '1 '1 '1 '0 '8 '1 '1 '0 '8 '0 '0 '0 '0 '0 '0 '0 '0 '0 '0 '0 '0 '0	2*98 2*25 0*95 0*85 1*53 0*93 0*85 3*80	178 9769 970 970 977 976 1103 989	3:60 1:49 0:33 0:39 1:40 0:48 0:68	3°84 4°78 2 59 4°89 8°86 1'42 8°10	8-08 4-60 4-61 8-85 6-17 8-62 6-46 5-35 3-72	Oontaj Tamuk, Midnapore, Obstal, Kukrainti, Amagura, Panchura, Daulai, Ohaudrakona,	Midsapore	
	nea nea nea	404 607 404	day Mil		0 x 0 mp n	1 100	200 400 100	000	***	***	3	0'8 0'1 1'7 (n) 1'0	1193 2105 0194	0:71 0:79 1:08 (n) 0:49	1.72 1.95 0.61	3*41 4*60 3*02 8*08	6.18 (w) 8.83 (w)	Pacint, Bhagwanpur, Kuittkri, Nayabaanti, Bilda (Reipa- Aart),		omcid.
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900 200 20.1	000	000	000 020 040	000 000 000	000		000	64.0 650 900	416 000 000	***	2 3 2	0.8 0.8 0.8	0°98 1'34 0°68	0°64 U*68 0*63	0.90	1:55	4:74 4:36 4:00	Serampore Hooghly. Acambagh.	Hooghly	
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Don Don	***	229	100 000 000	000	1.00	0'18	444	0 0 E	999 949	100	1	3°0 1°6 1°s	/ 1'85 0'49 0'45	0.81 0.11 0.18	1:00 0:36 0:36	14.85 11.83 9.13	6.83 6.81	(Nagratata). Buza Kalchini. Kumargram.		
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(n) Not accertained.

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Division	District.	Station.	1	9	8	4		6	7	8	•	10	13	19	18	14	16	16	17	16	19	80
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ORITTAGONS.	Nonkhati	Noakhali Peni Harishpur Rangenj Ohhurainaya Hatiya* Lakhuipur*	000	000 000 100 100 000	000	*** 0	Pote Pote Pote Pote Pote Pote Pote Pote	000 930 100	00+ 00+ 0+ 0+ 0+ 0+	#00 000 000 000	000 000 000 000 000	0.06	500 000 000 000	000	001 9 od 000 000	0.03	0-90 0-85 0-18 1-80 0-18	1:40 1:45 1:41 0:63 1:30	0.40	000 000 000 000 000	900 900 900 900	000 000 000 000
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DACCA,
The 17th December 1919.

BENGAL FOR THE MONTH OF NOVEMBER 1919-conoid.

21	99	73	36	36	26	97	36	19	30	81	o. of rainy days,	A retage number of rainy days.	Total relatals for the mouth.	Normal rainfall for the month.	Heaviest rainfall during the month.	Total rainfail from lst October to Bilb November 1919.	from 1st October to 80th November 1819.	Station,	Distrasor.	Division.
000 000 000	000 250 7A4 800 864	400 950 820 008	000	000 000 000 000 000	000 000 000 000 000	000 dog dog dog dog dog dog dog	0-0 0-0 0-0 0-0 0-0 0-0 0-0 0-0 0-0	000	100 101 101 100	012 100 100 100 100 100	2 Nu 1	0°6 0°4 0°6 0°8 0°8	0°87 Nill 0°83 0°85 0°24 1°68	0'81 0'25 0'36 0'63 0'69 0'86	0°87 N11 0°80 0°68 0°34 1°88	8:44 1:89 8:00 8:60 4:83 6:03	4'31 3'83 2'35 8'73 4'72 4'39	Maida, Obanchal, (canol, Sibgani, (comantapur, Nawabgani,	Maida	RASSRAM.
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***	64.6	229	***	***	004	***	000	020	***	#44 #44	1 2	0.8	0.33	0.43	0.39	5:43 8:32	200	Bewanganj. Nalitabari.		DACCA
	200 200 200 200 200	000 000 000 000 000 000	000 471 000 000 000 000	000 000 000 000 000 000	000 000 000 000	000 000 000 000 000 000 000 000 000 00	000 011 071 010 010 010	840 000 000 000 000 800 800	000 000 000 000 000 000	000 000 000 000 000	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1.0 1.3 1.0 1.4 1.0 1.2 0.7 1.3	5'00 1'40 1'01 5'06 3'02 3'23 5'26 0'86 1'47 5'04	0:83 0:99 0:94 0:94 0:38 0:17 0:39 0:84	1*06 0*91 0*87 1*76 1*17 1*19 0*68 1*10 0*98 2*05	8-60 3-56 6-16 8-97 7-63 7-67 8-76 7-67 8-19 6-19	8-83 8-69 5-03 8-07 6-02 6-80 8-20 7-68 7-17	Maderipur Paddpur, Raffact (Goslando). Haridaspur. Takerhat. Binnga. Panges. Balistandi. Binsas. Paiong.	Parlépur	
### 001 000 000 000 000 000 000 000 000	000 000 000 000 000 000	000 000 000 000 000	915 915 915 190 400 Amb	000 000 000 000 000	000 000 000 000 000 000 000	000 000 000 000 000 000	000 000 000 000 000 000 000	000 gov 500 000 000	014 000 001 002 004	one one one one one one one one one one	3 3 3 3 3 3	1°8 0°7 1°8 1°8 1°4 1°4 1°4	3:80 6:40 3:67 2:93 3:00 2:71 2:68 3:27	1.24 0.89 1.19 1.39 1.39 1.39 1.39	2·18 3·13 1·79 1·14 1·30 1·14 1·23 1·38	7:38 7:67 66:6 66:4 66:4 66:4 66:4	9·16 8·32 6·61 6·99 5·67 7·49 8·37 6·15	Patuakhali Barguna Pitofpur. Barisal. Gaunadi. Biola. Daulakhas. Bauphal.	Batargasj	
002 000 101 100 000	000 000 010 010 000	003 003 000 000	400 500 500 711	010 016 016 016	940 0 000 701	0.38	440 410 40 40 40 80 80 80	010 014 014 006 510	010 P 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000	4 2 4 3 3 3 3	9'8 1'9 2'0 2'0 2'1 1'7	6.48 8.42 8.61 4.50 8.64 1.80	3:40 1:73 9:83 1:71 1:81 1:05	4:44 3:76 3:63 3:05 3:23 0:60	8*16 6*88 7*83 7*84 5*17 3*49	10:73 8:52 9:46 8:48 8:30 8:37	Oor's Basar Chittagong. Kutubila. Satkupia. Kodala. Mirmeni.	Ohittagong	
000 000 000 000 000 000 000 000 000	000 000 000 000 000 000	000 944 000 000 000 000 000 000	0-00 000 000 000 000	010 000 000 000 000 000	000 000 000 000 000	400 400 400 400 400 400 400	F+P 5+h 000 004 004 004	000 000 000	400 600 67 600 67	000 000 000 000 000	4 3 8 8 8 8 8	1°8 1'3 1'2 1'8 1'1 1'0 1'8	1'46 2'61 1'69 3'32 8'89 1'80 4'23 2'45	1:02 0:00 0:78 1:15 0:42 0:98 1:13 1:07	0°78 1°30 0°90 1°40 1°74 0°80 2°37 1°28	2°13 4°03 5°26 6°64 10°35 2°48 2°48 6°26	6182 6741 4.99 6784 5784 5754 0774	Oomilla Chandpur, Brahmanharia, Ramchandrapur, Nasirnagar, Daudkandi, Kaaba, Lakaam,	Tippera	
*40 *40 *40 ****	000 000 000 000	01d 067 070 000	000 000 000 000 800	007 007 008	-00 -00 -00 -00	0.01	000 000 000 10 000	000 100 000 600	000 000 000 000 000	000 000 000 000	3 3 3	1.8 1.9 1.8 1.0 1.4 1.6 1.1	2:68 2:42 3:02 2:HI 1:85	1.91 1.90 1.98 1.09 1.98 2.00	1:40 1:45 1:51 1:30 1:30	6.69 6.43 4.30 3.69 6.14	9:47, 9:40 11:09 7:24 10:23 11:75 8:48	Nonkhali Feni. Harishpur, Ramgenj. Chingaluaya. Hatiya. Lakhmipur.	Noskhali	OBITTABORS
149 100 100 100 100	056 ./1	000 000 000 000 000	94 9 0 0 0 0 0 0 0 0	009 000 010 000 000	000 000 000 000	0.00	0.03	000 100 100 100 100	000 000 000 000 000	000 000 000 000 000	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2°1 2°2 3°7 (n) (n) (n)	4*47 8:60 1*70 2*86 8*19 1*68	1'60 1'61 1'67 (n) (n)	0.89 0.85 1.38 5.08 3.39	9°82 8°89 2°70 4°80 7°98 8°43	8:10 3:38 1:03 (n) (n)	Hangamati Bandarban. Baraal. Mahatoberi. Lawa. Hamgarh.	Ohittagong Hill Tracks.	
000	***		9494	0+0	004	***		•••	****	***	3	118	3168	1'08	2'24	7*67	6:31	Agartais	Hill Tippera Cobch Behar	}
700 700 700 700	000 000 860 000	ton ton ton ton ton	700 000 100 000	900 000 0A+ 000 0PC	001 100 100 007 000	***	014 010 010 010	000 000 000 000	004 000 000 000	100 141 100 100 100	MH MH MH MH	0.8 0.4 0.3 0.8	NU O'UI NU NU NU	0.38 0.31 0.18 0.30	Nii 0 01 Nii Nii Nii 1011	7:87 5:06	6:00 5:13 8:76 6:70	Diuhata Ooch Behar, Mickliganj, Mathabhanga, Putbarl. (Tufanganj.)	Copen Bonus	Cooch Behas.

(n) Not aspertained.

J. C. Roy, for Director of Agriculture, Bengal.

Vital Statistics of the Towns with a population of 10,000 and ever

				DE UNDER REGI		BIRTHS RI	1918TEKED.			DRATI
Districts.	No.	Towns.	Minje.	Pomale.	Total.	Number registered (exclud- ing stili- births).	Still-horn number registered.	Cholera.	Small- pon.	Plagra
ſ	1	Burdwan	20,527	15,394	35,921	27		2		***
Burdwan	2	Raniganj	8,417	7,080	15,497	26			***	
	3	Asansol	12,486	9,438	21,919	24	0.90	400	***	
. ,	4	Bankura	12,156	11,297	23,453	36	•••			
Baukura	5	921.06	10,025	10,458	20,478	31		10		400
Sautura							++4	10	000	***
	6	Sonamukhi	6,254	7,021	13 275	12	***	-	***	***
Midnapore {	7	Midnapore	17,577	15,163	32,74 0	50	2		0 4 0	***
	8	Ghatal	6,216	5,848	12,064	9	0.00	1	***	***
[9	Hooghly and Chin-	15,817	13,099	28,916	71,	***	40.80	***	***
	10	Berampore	19,639	12,439	32,078	54	***		900	***
Hooghly	11	Rishra Kenuagere	10,724	6,792	17,516	40	a	1	• 00	***
	12	Baidyabati	1		16,131	23	***	1	0.00	> 0 4
	13	Bhadreswar	Pigures u	ot available	13,441	10	***	0 = 5	2 4 9	
1	14	Champdani)		15,297	17	***	1	**	***
. (15	Howrah	114,829	64,560	179,389	359	50	6	11	440
Howreh {	16	Bally	14,217	8,177	22,394	36	1	000	1	
1	17	Consipore-Chitpur	30,793	17,885	48,178	73	. 5	5	000	***
	18	Maniktala	31,735	22,032	53,767	83	5	1	. 1	
	19	South Suburban	17,683	18,850	81,533	47	1	000	500	
	20	Tollygunge	11,183	7,250	18,433	85	6	***	***	
,	21	Garden Reach	27,665	17,630	45,295	64	2	1	2	***
	22	Budge-Budge	11,529	6,453	17,982	24		2	***	***
	28	Baranagar	14,982	10,918	25,895	61	1	•••	***	***
	24	Kamarhati	11,243	6,772	18,015	13	1	***	***	200
	96	Rajpur	5,762	5,845	11,607	28	2	***	***	***
14-Parganas	26	South Dum-Dum	7,760	5,114	12,874	13	946	1	***	***
	27	Barrackpore	• 11,957	6,944	18,301	7	100	***		***
	26	Panihati		4,779	11,118	15	•••	2	***	200
4	29	North Barrackpore		6,340	16,120	16	1	1	***	
	30	Tittagarh		13,946	45,171	51	404	•••	. 2	
	81	Garulia		3,704	11,580	9	000	***	***	***
	. 32	Naihati		6,534	18,219	***	•••	400	400	***
	38	Bhatpara		15,675	50,414	49	. 1	6	3	***
	34	Basirliat		8,814	18,331	19	****	***	100	***
(35	Baduria ,		6,622	13,680	84	040	•••		•••
Calcutta	36	Calcutta	607,674	288,398	896,067	1,453	122	34	39	
(37	Krishnagar	11,767	11,708	23,475	15	2			***
Nadia	38	Nadia or Nahadwip	5,821	6,659	12,480	16	***		•••	000
(89	Santipur	12,186	14,517	26,708	37	0=0	*10		***

al Bengal for the month of September 1919.

											1	
Towns.	No.	ing month	rrespond evious ye	Total of o	itans.	otal all ca	. 7	Other	- Injurien lucluding	Respira-	Dysontory and	Pever.
		Total.	emale.	Male.	Total,	Femule.	Male.	Container.	nuleide.	disease.	diarrhos.	
Burdwan.	1	7.5	21	54	83	29	54	8	8	10	23	37
Raniganj.	2	43	20	23	19	10	. 9	7		2	110	10
Авашкој,	3	47	22	25	34	8	26	1	1	4	7	21
Bankura.	4	46	17	29	37	21	16	14	1	2	7	13
		34	16	18	53	26	27	11		1	5	25
Vialinupur.	5									i		
Sonamukhi.	6	29	14	15	22	13	9	. 2	•••		5	18
Midnapore.	7	58	21	37	52	29	23	6	1	22	6	17
Ghatal.	8	16	6	10	32	10	22	***	1	4	4.	22
Houghly and	9	50	25	25	67	35	32	13	. 1	12	10	31
Serampore.	10	76	33	43	61	29	32	12	2	11	19	-17
Risbra Konnas	11	37	18	24	27	12	.15	6	1	1	2	16
Baidyabati.	12	53	28	25	38	15	18	7	***	1	3	21
Bhadreswar,	13	12	5	7	17	10	7	6	.1	3	. 2	5
Champdani	14	17	9	. 8	15	6	9	***	•••	4	• • • •	10
Howrah.	15	446	190	256	587	259	278 .	143	11	102	77	187
Bally.	16	41	17	24	42	15	27	1	3	7	2	28
Consipore-Chit	1.7	152	55	97	100	41	59	25	4	15	6	45
Maniktala.	18	115	63	52	141	70	71	58	***	27	18	36
South Suburb	19	49	30	19	72	42	30	15	2	12	5	38
Tollygunge.	20	20	9	11	26	14	12	***	***	6	. 3	17
Garden Reach	21	70	20	50-	59	21	38	22	****	. 5	9	20
Budge-Budge.	22	30	12	18	22	5	17	4	2	•••	8	6
Baranagore.	28	87	44	43	63	37	26	14	2	5	24	18
Kamarhati.	24	51	.14	37	32	9	23	4	***	***	12	16
Rajpur. South Dum-D	25	16	5	11	28	16	- 12	100	***		2	25
Barrackpore.	26	19	5	14	24	7	17		1		***	10
Pauihati.	28	26	17	7	4	1	. 3	1	***	•••		, 2
North Barraci	29	24	11	18	23	13	10	5	***	6	3	8
Titaghar.	30	112	44	68	35 85	15 41	20	4			6	1.9
Garulia.	31	13		13	7	2	5	7	***	***		70
Naihati.	32	30	4	26	18	3	10	3	***	***	1	8
Bhatpara.	33	49	12	87	68	24	39	12	1	12	5	26
Basirbat.	84	40	23	17	38	21	17	12		1	. 2	27
Buduris.	35	17	15	2	33	19	14	4	•••	4	•••	25
Calcutta.	36	2,133	858	1,280	1,982	822	1,160		. 44	392	236	302
Kriehnagar.											i	
Nadia or Nab	37	24	7	17	26	14	12	3	***	8	7	18
Santipur.	39	45	23	22	25 36	10	10	6	***	5	5	18

		,	POPULATIO	N UNDER RES	SOF 1911.	BIRTES R	eristered.		•	DRAY
Districts.	No.	Towns.	Malo.	Pemale.	Total.	Number registered (exclud- ing stil- births.)	Still-born number registered.	Obolera.	Small-	Plagn
(40	Berhampore	14,302	11,841	26,143	40	444	***	•••	
	41	Murahidabad	6,259	6,410	12,669	8		•••	***	***
Murshidabad	42	Ajimganj	6,725	5,602	12,327	12	000	3	1	***
	43	Kandi	6,212	6,426	12,638	4	***	***	***	
į.	44	Jangipur	5,493	5,915	11,408	. 51	***	***	***	***
(45	Khulna	7,983	5,013	12,996	7	***	100	***	
Khulna	46	Satkbira	5.802	5,100	10,902	000		1	***	***
Rajehahi	47	Rampur-Boalia	13,057	10,349	23,406	. 42	2	***	**	400
Dinajpor	48	Dinajpur	9,648	6,297	15,945	10		3	•••	
Jalpaiguri	49	Jalpaiguri	7,547	4,218	11,765	16		•••	•••	***
Darjeeling	50	Darjeeling	11,631	7,374	19,003	17	***	***	***	754
Rangpur	51	Rangpur	10,509	5,920	16,429	16			***	***
	52	Pabna ···	10,056	9,218	19,274	12	•••	***	***	***
ahna {	68	Sirajganj	13,236	11,541	24,777	18	1	4	•••	***
	54	English Basar	7,697	6,625	14.822	8	***	001	1	•••
dalds {	55	Nawabganj	. 11,122	12,200	23,322	18	***		****	
1	56	Dacca	63,091	45,460	108,551	244	17	7	14	
Dages {	57	Narayanganj	18,738	9,188	27,876	54	. 1	000	***	
(58	Mymensingh	13,462	6,391	19,853	13	•••	4	***	•••
	59	Netrakona	8,018	5,722	13,740	16		600	***	
	60	Jamalpur	11,728	9,381	21,109	24	•••	3	***	601
Aymenningh 4	61	Sherpur	8,516	7,075	15,591	25	***	***	***	
	€2	Kishoreganj	9,508	8,518	18,026	24	•••	1	***	***
i	63	Bajitpur	5,447	5,386	10.833	11	011		000	
	64	Tangail	8,493	7,869	16,362	27	.2	***	***	
1	65	Faridpur	8,017	5,114	13,181	27			***	
Paridpur	66	Madaripur	10,549	8,524	19,073	31	•••	***	4.	
(67	Barisal	15,488	6,985	22,473	16		1		
Bakarganj	68	Pirojpur	6,523	5,473	11,996	16	•••	1	***	•••
hittagong	69	Chittagong	18,779	9,987	28,766	- 80	2	12	***	
	70	Comilla	13,706	8,986	22,692	16	000	0.00	***	
ippera	71	Brahmanbaria	11,671	10,624	22,295	39	•••	***	2	•••
	72	Chandpur	9,062	3,655	12,717	11	***	8	***	
		Total of month	***	110	2,618,159	3,889	227	123	63	
	nding	month of previous	•••	***		4,288	208	104	. 13	
year.										-

REMARKS-

CALCUTTA.

The above table is compiled from returns collected by the Municipalities and submitted to this office by the Civil Surgeons. Taken as a of cases and in a few instances are obviously incomplete.
 The vital atatistics of Municipalities with a population of less than 10,000 have been excluded from this statement and incomplete.
 The birth and death ratios per 1,300 per annum have been omitted from this statement according to the Government of India, Education.

of Bengal for the month of September 1918-panels.

	Dysontery	Respiratory	Injuries	Other	Tot	al all causes.		Tota	d of earrest	ouding	No.	Towns.
fevor.	diarrhor.	diseases,	including auicide.	CRIMER.	Mala.	Female.	Total.	Mais.	Petraje.	Total.		
5	8 .	2	1	15	16	10	26	32	20	52	40	Borhampore.
13	1	1	***	***	4	11	15	18	27	45	41	Murshidabad
10		3	1	7	19	13	25	18	10	28	42	Ajimganj.
16	***	***	1	ā	.9	13	22	20	26	46	48	Kandi,
11	***	•••	***	***	6	5	11	. 9	15	24	44	Jangipur.
19	3		***	1	9	14	23	9	2	11	45	Khulna.
***	***	1	•••	•••	2	***	2	8	14	22	46	Satkhira.
18	1		1	5	13	12	25	14	20	34	47	Rampur-Boa
7	4	4	1	9	24	4	28	4	5	9	48	Dinajpur.
9	4	21	***	10	32	12	44	15	6	21	49	Jalpaiguri
1	5	7	***	8	18	8	21	15	14	29	50	Darjeeling
4	2	7	***	5	10	8	18	13	7	20	51	Rangpur.
6	1	1	***	4	6	6	12	10	8	18	52	Pabna.
8	1	***	1	7	13	8	, 21	18	2	15	- 53	Sirajganj.
5	4	2	•••	1	8	. 5	13	14	10	24	54	English-Baz
12	3	***	1	4	13	7	20	20	26	46	15	Nawabganj.
142	14	35	12	112	180	146	326	127	104	231	56	Daces.
36	3	8	2	19	29	39	6.8	34	24	58	57	Narayanganj
17	4	1	0 + 0	2	16	12	28	17	9	26	68	Mymensingh
9	1	***	***	1	2	9	11	2	2	4	59	Notrokona.
23	•••	3	1	10	26	14	40	28	17	45	60	Jamalpur.
12	•••	1	1	3 8	11	11	22	17	11	28	61	Sherpur.
7	4	4	3	5	12	12	24	12	19	18	62	Kishoreganj.
3			• • •	1	1	3	4	9	5	14	68	Bajitpur.
10	***		1	3	5	9	14	10	15	25	64	Tangail.
6	. 3	1	***	7	14	3.	17	23	15	38	65	Faridpur.
9	***	•••	1	13	16	11	27	18	13	26	66	Madaripar.
18	000	4	+48	11	23	11	34	6	9	15	67	Barinal.
2	2	2	***	1	6	2	8	4	5	. 9	68	Pirojpur.
26	8	б	1	19	38	33	71	21	15	36	69	Chittagong.
14	***		***	8	15	7	22	4	4		70	Comilla.
28	4	4	1	13	27	25	52	15	1.3	28	71	Brahmanbari
9	1	2	***	. 7	15	12	27	16	6	22	72	Chandpur.
1,756	609	815	114	1,709	2,905	2,284	5,189					
1.874	528	975	140	1,688	3,084	2,238	6,322	3,084	2,238	6,322		
	+81	- 160	- 26	+21	- 179	+46	- 133				1	

whole the table possesses a relative value, although the figures for individual towns probably only approximate to the astnal in a proportion porated in the returns for districts—vide Bengal Government, Municipal Department, letter No. 118San., dated the 8th February 1918. tion Department, letter No. 93, dated the 20th March 1918.

CHARLES A. BENTLEY,
Sanitary Commissioner for Bengal.

List of prices of articles of food in Calcutta for the week ending Saturday, the 20th December 1919.

Name of article.		Wног	MAL	E PRIOS PER	Re	TAIL PRIC	E PER	6KK1	L.
Walled OL articles.		From-	-	. То-	F	rom-	Т	°0—	
pr				1					
		Rs. A.	P.	Rs. A. P.	Rs.	A. P.	Rs.	A.	P
Rice—		45 6	4.		0	5 0		40	
Balam, coarse	***	8 4	0	9 4 0	0	2 6	0	3	000
" medium		9 12	0	0.3/11.0	0	4 3	0	5	0
Patnai, coarse	4 0 0	8 0	0	8 10 0	0	3 0	0	3	6
, medium		9 0	0	9 6 0	0	3 9	0	5	(
Nagra, coarse	*** ,	8 0	0	8 14 0	0	3 0	0	3	6
, medium	***	9 2	0	9 8 0	0	3 9	0	5	(
Dudhkalma		9 ()	0	9 12 0	0	3 6			,
Rangoon Boiled			•		0	2 6	0	3	6
Kajla	***	6 6	0		0	3 0			
Wheat, Dudhia		7 8	0						
Gangajali	* * *								
Jamali		7 0	()	7 4 0					
Bram, Patnai (whole)		7 12	0	8 0 0	0	2 9	0	3	-
dol	***	8 8	Ü	9 4 0	ő	3 9	0	4	(
(Unni)		11 0	ő	12 0 0	Ű.	6 0	0	8	(
(Knighna)	5.00	9 8	Ö	10 0 0	()	5 0	0	0	,
Arhar , (Extisula)	. • • •	8 4	0	10 3 0	ő	3 6	0	5	(
Marman (amilia)	4 0 7	7 6	0	8 4 0	0	3 3	0		6
		9 12			-		0	5	0
", " (Khanri)	4 * *		0		0		-		
Kalai "		7 8	0	8 0 0	0		0	5	0
Salt	***	3 3	6	3 5 6	0	1 6	0	I	0
Bugar (Brown Java)		22 12	0	*****	O O	9 0	0	10	(
Gur, Bheli				*****	0	4 6			
" Bhursut		13 0	0	*****	0	6 0	0	7	(
Milk		10 0	0	12 0 0	0	3 0	0	5	1
Mustard oil		36 0	0	42 0 0	1	0 0	1	2	-(
Flour (country)		9 8	0	10 8 0	, ()	4 0	0	5	(
Atta, No. 3	9 . 0	9 4	0						
, 21		10 . 0	-0		0	3 6	0	5	-{
D		10 4	0	1)					
Suji		10 0	0	10 8 0	U	4 6	0	5	(
Ghee (Bhadwa, Matki, etc		98 8	0	99 0 0	2	10 0		12	(
" (Patiram, Khurja,	Ruto.	90 0	0	91 0 0	2	8 0			
Etwa, better kind		00 0	V	1		0 0			
77 111 The Ol		86 0	0	87 0 0	6)	6 0			
	000.	5 4	0	5 8 0	66	0 0			
Maize			0	6 8 0	4)	2 6	0	4	6
Potatoes	* * *	5 12	0	0 0 0	0	2 0	U	*	-
Patal "	* * *	a 0		9 (4 4)		1 0	0	0	-
Brinjals		2 8	0	3 0 0	0	1 9	0	3	-{
Onions		4 0	0	4 4 0	0	1 6	0	2	(
Fish, Rahu		16 0	0	20 0 0	0	11 0	0	12	(
Mutton (2nd class)	***	****			0	10 0		****	
Beef (2nd and 3rd classes)					0	3 0	0	5	-0

N.B.—This is an abstract of prices of the following markets:-

Wholesale.—Chetla Håt, Ramkrishnapur Håt, Sealdah Fish and Milk Markets, Posta Bazar.

Retail.—Sir Stuart Hogg Market, Orphanganj Market, Sobha Bazar, Nutan Bazar, Raja
Babu's Bazar, Bow Bazar, Jogu Babu's Bazar, Taltolla Bazar.

S. C. GHOSH,

for President, Advisory Food Committee.

CALCUTTA, the 22nd December 1919.

Statement of Weekly Gauge-readings on the River Ganges at Rampur-Boalla for the week ending the 13th December 1919.

4	Date.		Hour.	Height of surface above or below zero: migns sign for them below zero.	Height of surface above mean son- level according to P, W. D. datum.(s)	Height of surface above mean soa- level on the same date last year secording to P. W. D. datum.(a)	Romacks.
	1919.						
7th 8th 9th 10th 11th 12th 13th	December	**************************************	8 A.M. 8 21 8 21 8 12 8 12 8 13 8 14 8 14	Zero of gange is at mean sea level.	40°95 40°85 40°70 40°70 40°60 40°55 40°40	39·61 39·56 39·51 39·41 39·41 39·21 39·11	D. M. on College step corrected, 64 93.

(a) P. W. D. datum 6-25 feet above Kidderpore old dock sill.

					Old value.	. 1	According to W. D. datum.
The previous year		Highest	water-level	498	66:52 on 80th August 1918	100	61.71
Ditto	-	Lowest	10	200	41:70 on 31st April 1918	604	86.89
Record	400	Highest	29	701	69:25 on 26th August 1879	000	64:44
Do.	***	Ditto	39		69:08 on 9th September 1886	00#	64:27
Do.	100	Ditto	19		68:30 on 25th August 1906	000	68-47
Do.		Ditto	99		68-21 on 26th August 1890	***	6R-40
Do.	00.0	Lowest	32	000	87:68 on 25th April 1881	100	82.82
Do.	400	Ditto	99	440	88 18 on 14th-15th April 1888	***	83.82
Do.	0.00	Ditto	21		89 02 on 21st-22nd April 1897	***	84 21
Do.	0.00	Ditto	22		89-28 on 6th-7th May 1908	461	84:47

N.B.—The gauge-readings commenced from 1st August 1887.

BOALIA.

The 13th December 1919.

M. SEN GUPTA,

Executive Engineer, Rajshahi Divn.

Statement of weekly gauge-readings on the rivers Ganges and Brahmaputra for the week ending 20th December 1919.

Montin	Mentin and date. Hour.		Height of surface above or below zero of gauge.	Height of surface above mean sea-level.	Height of surface above mean sca- level on same date last year.	Romarks.	
1	919.	-					
4th th	ecemo	er	7 A.M.	9.7	9.2	10.7	Zero is placed at mean sea-level.
5th	52		7	9.6	9.6	10.6	The bench mark for the gauge is of
6th	91		7	9.6	9-6	10.6	a pucca pillar between the passen
715	91		7	9.4	9.4	10.2	la ger ghat and Chandpur ghat.
8th	77		7	9.2	a 9°2	10.5	Its reduced level is 22.41.
9th	3,	1	7 17	9.0	9'0	10.4	
Oth	11	***	7	8.9	8.9	10.3	

The previous year Ditto	Highest water-level	25°2 on 1st Soptember 1918. 5°3 on 9th March 1918.
Record (H.F. in Brahmaputra and Ganges)	Highest "	25:75 on 28th August 1910.
Record (average flood in Brahmaputra and Ganges)	Ditto "	25:74 on 20th and 21st August 1898.
Record (H.F. in Brahmaputra and Ganges)	Ditto "	25:66 on 11th to 17th and 81st August and on 1st to 3rd September 1889.
only)	Ditto n	25:06 on 31st July 1900.
Do	Ditto	242 on 13th March 1908.
Do	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	March 1884. 8:16 on 9th to 11th March 1885.
Do	Ditto "	8:16 on 16th, 17th and 29th to 81st March 1901.

FARIDPUR,

R. K. GHOSE,

The 21st December 1919.

for Subdivisional Officer, P. W. D., Faridpur.

GOVERNMENT OF BENGAL, IRRIGATION DEPARTMENT.

Approximate return of traffic on the Circular and Eastern Canals for the week ending Saturday, the 13th December 1919, as compared with the corresponding week of the previous year.

C 10 11			NOING BATCHDA TH DECEMBER 1		WEEK ENDING SATURDAY, THE 14TH DECEMBER 1918,			
Nature of Cargo.		Number of boats.	Weight of oargo.	Tollage.	Number of bonts.	Weight of cargo.	Tollage.	
•			Mds.	Rs.		Mda.	Re.	
Rice and paddy Jute Firewood Other articles	***	1,088 180 54 672	53,117 73,411° 26,400 144,211	877 939 392 1,739	897 101 129 676	103,942 56,008† 76,575 147,192	1,746 578 1,220 2,116	
Total Empty boats and rafts	***	1,994 603	297,139	3,947 1,762	1,803 535	383,717	5,660 1,681	
GRAND TOTAL		2,597	297,189	5,709	2,338	383,717	7,341	

Weight by canal measurement ... 80,282 g t Ditto ditto ... 80,435

CALCUTTA,

G. J. ST. C. SEDGLEY,

The 22nd December 1919.

Under-Secy, to the Govt. of Bengal.

GOVERNMENT OF BENGAL, IRRIGATION DEPARTMENT.

Approximate return of traffic on the Circular and Eastern Canals for the week ending Saturday, the 20th December 1918, as compared with the corresponding week of the previous year.

			ENDING SATURDA TH DRUMMARK		WERE ENDING SATURDAY, THE SIST DECEMBER 1918.			
Nature of Cargo.		Number of boats.	Weight of Oatgo	Tolings.	Number of boots,	Weight of cargo.	Tollage.	
,		4	Mds.	Rs.		Mds.	Rs.	
Rice and paddy Jute Firewood Other articles	000	728 103 46 566	42,460 38,164° 26,775 127,129	742 513 387 1,607	964 91 104 856	129,750 46,529† 60,675 240,710	2,284 526 947 2,993	
Total Empty boats and rafts	100	1,448	284,548	3,249 1,803	2,015 568	477,664	6,7 5 0 1,152	
GRAND TOTAL	•••	1,858	234,548	4,552	2,583	477,664	7,902	

Weight by canal measurement ... 40.d26

CALCUTTA,

G. J. St. C. SEDGLEY,

The 23rd December 1919.

Under-Secy. to the Govt. of Bengal.



The Calcutta Gazette

WEDNESDAY, DECEMBER 31, 1919.

SUPPLEMENT.

OFFICIAL PAPERS.

[Non-Subscribers to the GAZETTE may receive the Supplement separately on payment of five rupees per annum if delivered in Calcutta, or seven rupees and eight annas if sent by post.]

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DEPARTMENT OF AGRICULTURE, BENGAL.

Forecast of the Winter *TII* (Sesamum) Crop of Bengal, 1919-20.

(NOTE.—On an average of the five years ending 1917.18, the area under til in Bengel has represented about 4:8 per cent. of the total area under til in British India.)

Character of the season.—Owing to uneven distribution of rainfall the weather at sowing time was, on the whole, unfavourable for the crop throughout the province. Subsequently conditions were rather better until the end of October; but continued drought since then has generally stunted the growth of the crop and, in many districts, considerably reduced the outturn in consequence. Insect-pests also caused some damage in places, especially in Rajshahi, Jalpaiguri, Nadia and Bogra. In Khulna, owing to excessive rain at sowing time, the crop could not be cultivated at all this year, and in Pabna about 3,000 acres were left unsown. On the whole, the season has not been better than last year.

Acreage.—The total area sown this year is estimated at 42,600 acres

against 49,400 acres last year.

Outturn.—According to estimates of District Officers the outturn of the crop for the province as a whole works out at 68 per cent. of the normal against 62 per cent. last year. Taking 61 maunds as the normal rate of yield per acre, the gross outturn for the province is estimated at 6,500 tons against 6,900 tons last year.

DACCA;
The 23rd December 1919.

R. E. FINLOW,
Offg. Director of Agriculture, Bengal.

APPENDIX I.

Forecast of the winter *til* crop of Bengal, 1919-20.

District.	Ratimated pormui	Entimated ares under winter ##.		Estimated outturn as a percentage of the normal yield per unit. of area.		Date by which nowing generally began this year! and whother that	Date by which harvesting generally commenced this	Hemarks by District Officers.	
Erosoc over	area under winter fil.	Last year (1918-19). (1919-20)		Last year. This year.		date was early, normal or late.	year and whether that date is early, normal or late.		
34-Pargaum	Acres.	Apres.	-40res-	68	\$8	Adaption. Whymanian	Mist yet commonsed	The weather has not been favourable owing to untimely rainfall.	
Nedia .	5,860	906	1,900	42	80	July and August. Normal.	Movember. Nor-	The weather was not favourable at anwing time. Some damage was caused by insects and drought. Hencetheouttern is expected to fall such below the normal.	
Murshidabad .	4,100	800	900	48	67	Rad of August to November, normal except Sangipur- finte.	Not yet commessed	The weather was not invograble at sowing time. but since then it is favourable. The outturn is anticipated below the normal owing to unitarourable weather at sowing time.	
Jessore .	1,600	900	3,100	•	**	Ainghalt. Workens	November Normal.	The increase in ares is due to favourable weather at sowing time. Slight damage has been caused so the cop for want of rain in September. Hence the outturn is expected to fall below the normal.	
Kuning .	9,800	1 900	100	86		499	104	Owing to the executive rain the cultiva-	
Burdwan	. 800	800	800	50	- 80	Beginning of September and October. Normal.	Not yet begun	The increase in area is due to favourable weather and to adoption of an assumed area for Amansol subdivision. The weather was fair, but has been dry later on. The outturn is much below the normal owing to deficient rainfail.	
Bisbhom	600	\$40°	8000	67	76	August. Normal	December	The weather and condition of the crop have been fair. The outturn is below the normal owing to want of timely rain.	
Bankum .	,	2,800	3,000	67	108	August. Normal	December. Nor-	The increase in area is due to high price of oil and demand for oilseeds. The weakher was quite favourable at coving time but alight durings has been caused to crop owing to drought in October. The outlings is expected to be alightly above parmal,	
Miduspore	. 8,000	2,800	2,800	60	76	July. Normal	September. Nor- mal.	•	
Hooghly	. 1,000	700*	700*	48	80	Middle of Septem- ber. Normal.	Rad of November. Normal.	Owing to unfavourable weather the out- turn has fallen much below the normal.	
Howish .	100	(40)	(45)*	83	88	Middle of October.	Middle of November. Normal.	Some damage has been done by drought. Hence the outturn is below the normal.	
Rajehaht -	3,700	600	1.100	\$0 e	50	Middle of September. Normal.	Rad of December, Normal,	The increase in area is due to the favourable condition of weather at sowing time and to high prices of othersels. The weather has been fair. One-fiderable damage has been amond by insect-pect in Naogaon autodivision. Hence the outturn is expected to fall much below the normal,	
Dinajpor .	H00	400*	400*	60	77	August to Soptem- ber, Normal.	Not yet commenced	The weather has been favourable at acwing time. Owing to inadequate rainfall the outturn is expected to fall below the normal.	
Jalpaiguri	1,000	******	\$60	999900	50	July. Normal.	November. Norma	The crop is not grown in this district to any appreciable extent. Some people of the Falakata tabell in the Alipore subdivision have grown the crop this year only. The weather has been favourable. About half the crop has been damaged by insect-posts.	
Rangpur	1,200	1,800*	1,809°	190	100	October, Normal.	Will begin from January.	The weather has been favourable and a normal outturn is expected.	
Bogra	1,000	600	400	50	50	Middle of August. Normal	Middle of November. Normal.	The weather was not favourable at sowing time, but the growth of the crop has been retarded owing to absence of rain. Some damage has been caused by insects. The outturn is therefore expected to fall much below the normal.	

District.	Betimated normal	Motenited arm ander winter 187.		Retimated outturn im a percentage of the normal yield per unit of area.		Date by watch sowing generally began this year and whether that	Date by which harvesting generally commenced this	Remarks by District Officers.	
	winter 14.	Last year (1918-19).	This year (1919-20).	Last year.	This year:	date was early, normal or late.	year and whether that date is early, normal or late,		
	Acres.	Acres.	Acres.	1			,		
Pabba	7,000	6,000	3,000	65	\$0	Middle of September. Normal.	and of December.	The decrease in area is due to the fact that whout 3,000 sores could not at all be sown owing to rain in the early part of September. Hence the outturn is much below the normal.	
Maida	1,800	1,800*	1,300	80	91	Nortember. Normal.	December. Nor-	On the whole the weather was favourable at sowing time. The falling off of outturn below the normal is due to stunted growth owing to absence of rain since middle of October.	
Dagen	8,90G	8,600	8.900	72	78	Rnd of August.	Rud of November. Normal,	Figures for normal area have been revised on the reads of actilement records. Want of rain at the sowing time did some damage to the crop.	
Mymendagh	1,000	7,800	724800	88	90	August and Sop- tember. Normal.	December and January, Normal.	The weather and condition of the drap have been generally favourable.	
Obittagong	200	200°	500a	. 90	100	Angust. Normal	November, Normal	The weather has been good.	
Tippera	3,990	1,400	1,400	40	76	October. Normal	Not yet communicated.	The weather has not been quite favour- atic. Some damage has been done by insects. Hence the outturn is expected to be below the normal.	
Chittagong Hill Tracts.	18,000	10,600	10,600	35	35	Last week of Mny.	Middle of November. Normal.	The weather and condition of the crop have not been favourable. The conturn is expected to be poor.	
Total Bengal	78,800	49,400	42,600	62	68				

[·] Conventional area.

APPENDIX II.

Abstract Statement of estimated agrange and outturn of the winter ## Grop of Sengal for 1919-20.

			ABRAS (IN ACRI	IB).			TIBLD (IN TONE).						
Province.	Of current year's crop	n year'n	Average of preceding	Percentage by which column 2 exceeds (+). or is less than (-). area in-		h (十)。 (~)。	Retirented yield of correct year, fire.	Yinki of previous year, i.e., of area to	A versure of preceding-		Percentage by which column 7 exceeds (+), or is less than (-), yield in-		
. •			•	Column 8.	Colun	nn 4.	of area in column 2.	column 8.			Column 3.	Oolus	nn 9.
1	2	3	4	6	6		7	8	9		10	11	
	,		Five Tan years, years.		Pine years.	Tin years,		•	Five years.	Ton years.	1	Pine penra.	Ten years
engal	42,600	49,400	58,500 75,800	-14	-23	44	6,300	6.900	7,900	10,700) -6	- 10	-1

DISTRICT REPORTS ON WEATHER AND CROPS.

For the week ending on the 25th December 1919.

Summary.—There was no rainfall during the week. Harvesting of winter paddy and sugarcane is in full swing. Condition and prospects of standing crops are reported to be promising. The average price of common rice for the Province has fallen by about 3.27 per cent. as compared with that of the previous week.

Serial No.	District and sundivision.	Rajufali.	Pairs of co	OMMON RICK, IN PER RUPEE,	Obseractor of the weather, condition of crops, etc.
			This work.	Previous week.	
1	2	8	4		6
		Inches.			
1	24-PARGANAS	Nil	{ 5 .6₁²₅•	5 68 }	Harvesting of sugarcane and aman paddy continues. Water is sufficient. Pros-
	Diamond Harbour.	(n)	(n)	(n)	pects of standing crops are good.
	Barrackpore	Nil	{ 4 1 6*	6°	
	Barasat	Nil	5 2	5½ 6½	
1.	Basirhat	Nil	{ 6\\ 5\\\ \ 5\\\ \ \ \ \ \ \ \ \ \ \ \ \	24.	
4				4	•
2	NADIA	Nil	{ · 5 1 6 7	5 1 6	Prospects of standing crops are favourable. Harvesting of aman paddy con-
4 £	Kushtia	(n)	(n)	5	tinues.
	Meherpur	Nil	5‡	5‡	
	Chuadanga	(n)	(n)	{ 51 6°	
	Ranaghat	Nil	51	5	
3	MURSHIDARAD	Nil	611	6‡†	Prospects of standing crops are fair.
	Lalbagh	Nil	611	6‡†	Harvesting of winter rice continues. Fodder is sufficient. No large import or export of rice. Burma rice is not
	Jangipur	Nil	611	611	available.
	Kandi	Nil	,611	6‡†	•
4	JESSORE	Nil	{ 6°	} 6	Standing crops are doing well. Harvest- ing of aman paddy continues. No large
	Jhenidah	Nil	6	(n)	import or export of rice. Fodder is suffi-
	Magura	Nil	6	6.	Clent.
	Narail	Nil	$\left\{\begin{array}{c} 6\frac{1}{4} \\ 6^{\bullet} \end{array}\right.$	511	
*	Bangaon	Nil	5 1	514	•
5	KHULNA	Nil	7‡	61	Weather seasonable: Harvesting of aman
	Satkhira	Nil	{ 5,5 8 7 •	5 5 6 7 6	paddy is going on. Large export of rice is going on in Bagerhat subdivision. Fodder and water are sufficient.
	Bagerhat	Nil	{ 6 7•	6*	rodder and water are summent.

Serial No.	District and	Reinfai).	PRIOR OF CO	PER RUPER.	Character of the weather, condition of crops, etc.		
	energy mood.		This week.	Previous week.			
1			4		6		
		Inches					
6	BURDWAN	Nil	. 5 l	5	Weather seasonable. Harvesting of aman paddy continues. Condition of standing		
	Asansol	Nil	61	61	crops is fair.		
	Katwa	Nit Nil	6	5 5	•		
	Kalna	7417	•	. 0			
7	BIRBHUM	Nil	64	64	Harvesting of winter rice continues. Prospects of standing crops are fair.		
	Rampurhat	Nil	61	61	Fodder and water are sufficient.		
8	BANKUBA	Nil	6#	6	Harvesting of aman paddy continues.		
	Vishnupur	Nil	6 5	64	Prospects of standing crops are good. Export of rice and paddy continues.		
	▼		1 62	549			
9	MIDNAPORE	Nil	613	611	Prospects of sugarcane are fair. Harvest-		
			68	64")	ing of winter rice continues. Fodder is sufficient.		
	Ghatal	Nil	{ 5 5 5 †	(n)	ye ran u		
	Tamluk	Nil	{ 5\\ 5\\\ 6\\\\ 6\\\\\\\\\\\\\\\\\\\\\\	5 5 6 6			
	Contai	Nil	{ 61 7†	6 t 7 †	•		
10	Hooghly	Nil	{ 48 5 3 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	44 518° }	Effects of weather on the growth of the crops are favourable. Fodder is suf-		
	Serampore	Nil	{ 5½ 6*	5 1 6*	cient.		
	Arambagh	Nil	63	63			
11	HOWBAH	Nil	54	{ 4± 6 } · }	Weather cold. Harvesting of aman paddy and planting of sugarcane continue.		
	Ulubaria	Nil	$\left\{\begin{array}{c}4\frac{1}{6}\\6\frac{2}{13}\end{array}\right.$	613.	Prospects of sugarcane and rabi crops are fair. Fodder is sufficient.		
12	RAJSHAHI (RAMPUR-	Nil	63	6‡	Prospects of standing crops are favourable Harvesting of winter rice continues Fodder is sufficient.		
	Boalia). Naogaon	Nil	61	6‡	Fodder is sumcient.		
	Nator	Nil	{ 6 7°	6 7.			
13	DINAJPUR	Nil	61	51	Prospects of standing crops are fair		
	Thakurgaon	Nil	7 .	51	Market of rice is stationary.		
•	Balurghat	Nil	71	74	•		
14	JALPAIGURI	Nil	6	5	Prospects of standing crops are fair		
	Alipur	Nil	5	{ 5 6°	Fodder and water are sufficient.		

Berial No.	District and	Beinfall.		OMMON RICE, IN PER RUPES.	Obaracter of the weather, condition of erops, etc.		
No.	subdivision.		This week.	Previous week.			
1	3		4		, •		
		Inches					
15	DARJEELING	Nil	{ 4? 5½·	4\\\5\\\\5\\\\\5\\\\\\\\\\\\\\\\\\\\\\	Winter paddy and marua are being har- vested. Potatoes, wheat and barley are		
	Kurseong	Nil	{ 5 5 4 °	54	growing up. Stock of rice is sufficient. Fodder and water are sufficient.		
	Siliguri	Nil	51	54			
	Kalimpong	Nil	{ 5	5 54*			
16	RANGPUR	Nil	64	5‡	Weather seasonable. Harvesting of winter rice and potatoes is going on		
	Nilphamari	Nii	68	(11)	Prospects of standing crops are good. Price of rice is falling owing to appear-		
	Kurigram	Nil	6	51	ance of new rice. Fodder and water are sufficient.		
	Gaibandha	Nil	54	5%	,		
17	Bogra	Nil	61	6 ਜੇ (Harvesting of winter rice continues. Prospects are fair.		
18	PABNA	Nil	{ 6 6*	5 # }	Fodder is sufficient.		
	Sirajganj	Nil	{ 4 5 } •	4 51*			
19	MALDA	Nil	61	ei	Harvesting of winter rice continues. Fodder and water are sufficient. Cattle-disease is reported from Gomastapur and Harishchandrapur thanas.		
20	COOCH BEHAR	Nil	6 1	68	Weather seasonable. Harvesting of haimantic paddy continues. Condition of standing crops is favourable. Fodder and water are sufficient. Burma rice is not available.		
21	DACQA	(n)	{ 6 ·	6.	Weather seasonable and favourable for the growth of rabi crops. Harvesting of		
	Manikganj	Nil	{ 61 65 65 65 65 65 65 65 65 65 65 65 65 65	5 3½°	winter rice is completed. Prospects of rabi crops are fair.		
					•		
	Narayanganj	Nil	{ 61. 6 .	6			
	Munshiganj	Nil	64	63 63			
22	MYMENSINGH	Nil	{ 5₹ · 5₹ •	51.	Weather seasonable. Harvesting of winter rice and transplantation of bord		
	Jamalpur	Nil	{ 5 64 °	5 64°	paddy are going on. Prospects of crops are good. Fodder and water are suffi-		
	Tangail	(11)	(n)	{ 5 t 5 t 5 t 5 t 5 t 5 t 5 t 5 t 5 t 5	cient.		
	Netrakona	Nil	64	11.	•		
	Kishorganj	Nil	{ 68 64°	68 64			

⁽a) Not reported.

(a) Munchigan being very near to Dacca and Narayaugan its rainfall statistics are not quoted. To give information regarding the northern part of the distret, rainfall figures for Kapasia than are reported here.

Serial	Districts and	Rain fuil.	PRIOR OF C	OMMON RICE, IN PER RUPER.	Character of the weather, condition of crops, etc.
No.	BUDGIVISIONS.		This week.	Previous week.	
1	3	3	4	8	e
		Inches	1		•
23	FARIDPUR	Nil	{ 64°	5 64 }	Effects of weather are favourable to crops. Harvesting of aman paddy is
	Goalundo	Nil	{ 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	6	nearly finished. Prospects of standing crops are fair. Fodder is available.
	Madaripur	Nil	{ 6} 6} •	} 61	Crops are tall. Podder is available.
	Gopalganj(a)	Nil	{ 6₹ •	6 63 *	
24	BAKARGANJ (BABISAL).	Nil	{ 6₹ § 6‡ § 8*	4 645 62°	Fodder is sufficient. Prospects of standing crops are good.
	Pirojpur	Nil	{ 4½ 6§	$\left.\right $ (n)	
	Patuakhali	Nil	\begin{cases} 4\frac{1}{2} \\ 6\frac{1}{2}\bar{5} \\ 8\frac{1}{2} \end{cases}	4± 76 8*	
	Dakshin Sha- bazpur (Bhola).	, Nil	{ 4\\ 5\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	4 5₹§	
25	CHITTAGONG	Nil	{ 6½† 6¾*	64 }	Prospects of standing crops are fair Cultivation of rabi crops and harvesting
	Cox's Bazar	Nil	{ 6½† 6½†	64 63 *	of aman paddy are in progress. Pango salt is selling at 10 and 9 seers per ruped both at Sadar and Cox's Bazar respectively. Fodder is sufficient.
26	Tippera (Comilla).	Nil	6‡	74	Harvesting of aman paddy is hearly finished and its outturn is hopeful
	Brahman- baria.	Nil	8 6 2 2 8 5 3 ° 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	68	Rabi crops are thriving and the prospects are fair. No large import o export of rice.
	Chandpur	Nil	{ 6\\\ 6\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	6 64 .	
27	NOARHALI	Nil	54	53	Prospects of standing crops are fair Fodder is sufficient. Cattle-disease i
	Feni	Nil	62	64	reported from thanas Chhagalnaya an Pashuram.
28	CHITTAGONG HILL TRACTS	Nil	{ 6 711	5 6±t }	Weather cloudy. Harvesting of ama paddy has begun and that of cotto crop is in progress. Outturns are fair Fodder is sufficient.

ta) The rainfall at Haridaspur, which is very near to Gopalganj, is shown here.

* Burma rice.

* New.

(N) Not reported.

J. C. ROY,

DACCA, the 29th December 1919.

J. C. ROY,

for Director of Agriculture, Bengal.

Wholesale prices-ourrent of food-grains, saft, etc., in the under-mentioned marts of Bengal for the first-half of December 1919.

				PAD	DAUP TERES TO	1 TT).		
Marts.		Present return.	Next preceding	Corresponding return of 1918.	Corresponding return of 1017,	Corresponding return of 1916.	Corresponding return of 1915.	Corresponding roturn of 1914.*
lajoutta Thotha Hāt Surdwan Kaina Kaina Kidanapore Kidanapore		2	8	4	8		7	- 8
		Re. A. P.	Ba, A. P.	Re. A. T.	Bu A. P.	Вв. д. Р.	Re- A. P.	Rs. A. P.
Injustin	0.00	4 8 0	4 2 0	3 8 0	300	8 2 8	430	
Obotle Håt	001	000.000 3	000 D44	100+1+	964 005	***************************************	220000	000 top
Burdwan	201	4 14 0	414 0	3 2 0	240		3 18 0	1.000 (4.2
Calna	110	000 000	900 144	205 444	ququa.	to 3 6 0	944.009	84+000
ianigea)	000	002000 0000	*****	00000	m 0110 000	******	600 200	\$1 age
Eldenpere ···	1000	3 12 Q	4 4 0		1 12 0	2 2 0	2 3 0	Ø 200 00 s
hittagong	440	3 4 8	(4)	2 10 0	(a)	10 2 11 0 2 2 0	3 2 0	400 000
Mandpur	004	000.004	g	****	207 000	20,013		945 149
)aooa			8 12 0	3 0 0		340	3 8 0	*****
farayanganj	440	004.003	242444	411000	011 000	******	90+955	****
dymouslagh	-00	016.000	000,500	411.070	000 szą	00100	844.654	99.4124
fadaripus	994	*** ***	002.500	0+2 046	849 990	209.000	440.000	606 110
abas	0.24	440	. 500		1 12 0	2 13 0	360	4 099.84
trajgunj		000000	*****	900 ***	100 05	800	926.000	60 110
pagpur	****	4 8 e	800	3 0 0		3 12 0	360	*** ***

* Figures not available.

(c) No mie.

					417		84	LDD	A (COMMOR ON	LITT).		
Marte			Present ret	org.	Next proper return.		Corresponding seturn of 1918,	og.	Corresponding return of 1917.	Corresponding return of init.	Corresponding return of 1918.	Corresponding return of 1914,
			9		10		0 11		19	13	14	15
					100							
			RS. A.	P	368. A.	Pre	184- A. I	p.	B4. A. P.	Rt. A. P.	Rs. A. P.	RR A. P
Dalougan .	20	949	4 9	•	4.0	0	8.0	•	2 8 0	2 18 0	3 14 0	******
Chotia Hat .	p s	***	444.064		450 100		110100		. 000-141	000 711	******	pan 400
Burdwan .	109	901	4 12	0	4 12	0	R 11	0	1 11 '0	2 4 9	3 8 0	801 400
Kajos .	ne B	84	*******		500,000		50+000		900 111	to 3 0 0	000 000	400 704
Benissas .	i sien	***	*****		*****		000 014		000000	999444	*****	000 000
Midnapore .	eri.	***	(R)		4.2		2 12		1 8 0	200	240	100,000
Obittagoug .		441	2.6		(0)		2 10		(0)	to 2 6 0	300	2 0 0
Obandpur -		***	411.45		000 771		no notes		000.009			
					-		2 14				217400	004.084
	10-0	496		0		•	2 14	•	1 12 0	300	300	200000
Marayaugau		942	156 200		900000		040.000		*******	a and 10-beg	*20 000	01:000
Mymousingt	3	*4.0	000044		000 100		000 000		000 100	* ******	*******	0.000
Madaripur .	105	-0-	(R		500000		910 004		*******	010000	100000	00 004
Pabus .	00 9	641	3 12	0	4 8	0	80	0	400000	2 11 0	212 0	3 6 2
Strajganj .	100	040	******		010000		000.000		041331	044 900	011100	****
dangpur .	0-0-0	no 2	3 3		5 0	0		•	200	300	240	3 0 0
			· · · · · · · · · · · · · · · · · · ·) New.					(e) No.	1	

Wholesale prices-current of food-grains, salt, etc., in the under-mentioned marts of Bengal for the first-half of December 1919.

			' Rto	R (WEST QUALLY	(¥).		
Marts.	Present return.	heat preceding return.	Corresponding return of 1918.	Corresponding return of 1917.	Corresponding return of 1916.	Corresponding return of 1915.	Corresponding return of 1914.
	16	17	16	10	3 0	21.	92
and the second s	He. A. P.	Ha. A. P.	Rs. A. P.	Re. A. P.	lis, A. P.	Ba. A. P.	4
Caloutia	9 8 0	9 8 0	8 0 0	7 0 0	7 2 0		Ho. A. P.
Chetla Håt			1		1		7 8 Q
-				200041			******
Burdwan		8 8 0	800	200	to 8 0 0	8 0 D	6 0 0
Kaloa	******	*******	000 000	24424	141 800	460	******
Raniganj	954 216	\$60 A03	4 *******	400 093	000000	840	******
Midnapore 1	10 0 0	10 0 0	(a)	8 4 D	4 4 9	7 8 0	8 12 O
Chistagong	12 0 0	12 0. 0	.10 0 0	7 0 0	to 6 0 0	10 0 0	10 0 0
Chandpur	*****	******	200.044	444.001	021460		004 000
Daoos	10 0 0	10 8 0	800	4 12 0	B 18 0	6 10 0	6 4 0
Narayangan			444664	******	008 ***	******	944 105
Mymonsingh		======	600000	****	411900	******	*** ***
Madantan							

Pabas	800	900	7 6 0	800	8.0.0	8 0 0	* 0 0
Sirajganj	(R)	04000	******	600 tod	601111	000.000	499 004
Bangpur	800	12 0 0	7 9 0	6 0 0	7 8 0	8 4 0	7 4 0

				Rton (c	DEMOR QUALITY	().		
Marte.		Present return.	Next proceding rotus a.	Corresponding return of 1918.	Corresponding return of 1917.	Corresponding return of 1916.	Corresponding return of 1915.	Corresponding return of 1914.
		23	34	38	26	37 -	20	29
		R8. A. P.	Rs. A. P.	Bs. A. P.	Rs. A. P	Ho. A. P.	RS. A. P.	Rs. A. P.
Calcutta	441	800	800	6 4 0	800	600	7 8 0	600
Chetla Hat	440	200.000	900000	******	000000	000004	rahooo	*****
Burdwan	411	to 7 0 0	6 8 0		280	3 12 0 to 4 4 0	5 4 0	5 0 0
Kalna	***			440.004	******	a 4mg	400 999	000000
Baniganj	***	00554.	000 ppq	202.000	00000	****	404 404	000,000
Midnapore	404	7 8 0	7 8 0	(a),.,	10 4 2 0	3 12 0 to 5 0 0	4 10 0	5 4 0
Ohittagong	401	600	600	5 8 0	to 4 2 0	to 5 0 0	4 8 0	500
Chaudpur	044	*****	***	844.044	*>000	*40.000	400 000	810.515
Dacos		(R)		7 12 0	3 6 0	500	5 10 0	5 4 9
Narayangan)	100	000.000	000 100	00-004	052 000	011900	005000	001000
Mymonsingh	ting or	981 000	ans 400	****	100000	400 000	****	860 550
Madaripur	9.0-		000144	869 *** *	000104	240000	550 pax	005 07
Pabna	***	7 5 0	7 11 0	6 6 0	3 4 .0	4 12 0	5 10 0	8 5 0
Sirajgaaj	gra n	***************************************	00000	******	406.04	******	*****	000 004
Rangpur	169	7 0 0	10 12 0	4 8 0	4 8 0	5 12 0	800	800

Wholesale prices-current of food-grains, salt, etc., .in the undermentioned marts of Bengal for the first-half of December 1919.

		,			WHEAT.			
Chetla Hat		Present return.	Next preceding return.	Corresponding return of 1918.	Corresponding return of 1917.	Corresponding return of 1916.	Corresponding raturn of 1915.	Corresponding return of 1914.
Calcutta		80	31	22	83	84	35	. 36
		Ro A. P.	Ra a. r.	Re. A. P.	Ru. A. P.	Ba. A. P.	Rs. A. P.	Ra. A. P.
Onicutta	691	808	800	7 4 0	5 0 0	4 14 0		6 12 0
Ohetla Hat	400	******	011 200	1,00 900	000 5-00	******	ANA 1100	Erves
Burdwan	*	7 12 0	7 18 0	' tat				0 p / 12 mg
Kaina	103	60.004	4 004000	860 101	#10 #11	++1 ess	202 203	E*****
Baniganj	***	******	cu. 240	*****	220,000	046.008	900.000	800.440
Midnaporo	du s	8 4 0	860		5 12 0	500	600	*******
Ohittagong	460	0000 014	924.664	40.0000	0.00 0.00	*******	020000	******
Ohandpur	10.0	Sides and a	001010	*****	490 550	689.400	G+0	60+ 40+
Dacca	000	*****	000000	ollina	d decrea	wp4.004	-14000	*****
Магауапрац ј		000 000	******	*****	444.056	300 000	000 000	000 000
Mymenningh	94.0	411.000	011122	611500	4 9 4 1944	000000	002000	******
Madaripur	***	tion and a		d=2+0+	and and	000 000	007000	B++ coa
Pabna	***	750	0 11 0	H09 552	4	400		4 14 0
Sirajganj	240	999 4 eq	915-88%	000 949	202 703	605109	007716	PP1164
Rangpur	***	7 0 0	7 0 0	600	800		540	5 0 0
		,						

(a) Not in stock.

Thetla Hat Bardwan Kaina Raniganj Midnapore Dhittagong	,				KALAI DAL,			
Marts.		Present roturn.	Rext preceding return.	Corresponding return of 1918.	Corresponding return of 1917.	Corresponding raturn of 1918.	Corresponding return of 1915,	Corresponding return of 1914.*
		37	38	89	40	41	48	48
		Rs. A. P.	Re. A. P.	Re. A. P.	Ra. A. P.	Ra. A. P.	Re. A. P.	Ho. A. P.
Caloutia				19 9 0			5 14 0	440.779
Obotia Hat	244	90000	*****		* ******	*** 464	440 4	000 000
Perdwan	***	800	800	12 8 0	500	5 4 0	6 12 0	240 000
Kaina	010	petido	\$10114	. 62594.	000 100	\$ 0 A WAR	000000	****
Raniganj	149	249.000	0.29.000	711000	******	254144	400 + 0 4	an end
Midnapore	-04	to 10 0 0	9 8 0 to 10 8 0	8 8 0 to 11 0 0	- 8 9 9		4 8 0	A 0 12 10 10 15
Ohittongong	***	*** 000	9 200710	000200	61690)	P00000	100000	
Ohandpur	0.75		A # 6/9/00	001022	000000	****	******	200,000
Dacon	44+		4 440 ***	61+ boo	400,000	494 124	0004440	044400
Marayanganj	***	800.049	007-004	40000	000 000	248 ***	. 000.000	+dm (qqm)
Mymenslugh	-+1	******	045-04+	B 20 400	- 40P100	400 548	*******	000.000
Madaripur	100	par 000		94- 486	010 000	******	mbs see	or 1871
l'abna	0.00	*******		000 000	000 100	445.440	P97.048	000 200
Sirajganj	111	me 6 24 6		****	400 no 1	dops 70d	orders	/444 DD0
Bangpur	***	10 0 0	10 0 0	700	7 0 0	780	6 8 0	000 900

Pigures not available.

Wholesale prices-ourrent of food-grains, salt, etc., in the undermentioned marts of Bengal for the first-half of December 1918.

	•	PV.		ORAM.			
Marta.	Present return.	Next preceding return.	Corresponding return of 1918.	Corresponding return of 1917.	Corresponding total of 1916.	Corresponding return of 1915.	Corresponding return of 1914.
	66	46	46	47	48	49	80
	Re. A. P.	Ro. A. P.	Ro. A. P.	Rs. A. P.	Ha. A. P.	Ra. д. р.	lb. A. P.
Caloutta	7 8 0	780	600	3 8 0	380	8 14 0	4 12 0
Chetla Håt	*****	000000	******	******	000,00	411100	100000
Burdwan	6 12 d	6 12 0 to 7 8 0	8 6 0	800	8 14 0	4 4 0	5 8 0
Kalna	to 7 8 0	to 7 8 0	639.664	000 800	601 010	900	000000
Ranigao)		*****	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	004 844	900 990	000 000	104 000
Midnapore	to 9 0 0	to 9 4 0	5 12 0 to 7 0 0	8 14 0 to 4 6 0	4 12 0	4 11 0	040.04
Chandpur	******	******	A	000 504	******	******	251703
Dacos	000000	441000		000000	200000	*******	040440
Warayanganj	693.000	0.40 0 84	1	250.040	144 800	******	*******
Mymensingh	107000	fre c pina	*******	******	804 seq	377 166	*****
Madaripur	040000	471.014		200000	024002	>00 940	
Pabna) ************************************	444 008	990010	600 004	80000	00% 000	******
Sirajganj	****	*****	000114	******	804144	******	900000
Rangpar	7 9 0	7 9 0	7 0 0	8 4 0	7 10 6	7 6.0	***************************************

				ABHAR DAL.	,		
, Marta.	Present returns.	Next preceding return.	Corresponding return of 1918.	Corresponding return of 1917.	Corresponding return of 1916,	Corresponding return of 1915.	Corresponding return of 1914.
	81	8892	48	54	* 88	86	87
,	Re. A. P.	Bi. A. P.	Ra. A. P.	Bs. Ar P.	Re. A. P.	Ha. A. P.	ila. A. P.
Ouloutta	9 8 0		7 18 0	500	8 4 6 .	8 8 0	
Ohetla Håt	+41024	****			*******	099 000	dua 100
Burdwan		9 12 .0	8 8 0	4 8 0	500	6 12 0	640
Kalus	005000	20000	******	*****	*****	400.000	*****
Raniganj	409600	212000	******	855.000	*******	0 000 noo	हरूक ०२०
Midnapora	11 0 0	11 0 0		500	7 0 0	7 10 0	64+ 100
Chittagong	11 8 0	11 8 0	19 0 0	10 6 8 0	7 0 0	7 8 0	7 8 0
Chandpur	******	490,000	600.000	411300	*** ***	249.049	00100
Decon			800	4 12 0		7 8 0	6 4 0
Namyanganj	******	944 999	. ******		10 t 10 D	946.440	******
Mymensingh	*****	, near	****** , '	400.054	*****	******	********
Madaripur	******	dought	000.770	ppq opa	6 PC ddm	440.004	******
Pabna	13 0 0	12 0 0	9 0 0		800	800	8 0 0
Sirajganj	400.000	991974	404410	* ******	0+7000	*******	*>>000
Rangper	(a)	(a)	7 0 0	800	7 8 0	6 12 0	6-4 0
					*		

(a) Not available

Wholesale prices-current of food-grains, salt, etc., in the undermentioned marts of Bengal for the first-half of December 1919.

			LINSEED.			MUSTAND.			GUR.		COTT	ON (DNOINZ	Ru).
Marts.		Fromut retura.	preceding ing return present proce		Next proceding return.	Correspond- ing return of last year.	Present return.	Next preseding return.	Correspond- ing return of last year-	E.L. Sulle	Next proceding return.	Correspond log return of last year	
		\$8	39	60	61	69	63	64	65	66	67	66	00
		ite. A. r.	Bs. A. P.	Rs. A. P.	Ra. A. P.	Ra. A. P.	Ba. A. P.	Bs. A. P.	Rs. A. P.	Hs. A. P.	Ha. A. P.	Ha. A. P.	Its. A. P.
icutta	100	12 0 0	13 0 0	19 0 0	12 8 0	12 8 0		10 8 0	10 8 0	6 4 0	25 0 0	25 0 0	37 0 0
otla ditt		\$11.000	000=00	000 000	1+1040	000151	pec 200	000 bes	****	*****	001999	******	*****
ırdwan	461	11 0 0 to12 0 0	11 0 B to12 0 0	(a)	18 0 0 to 14 8 0	13 0 G 1014 8 0	12 8 0	6 0 0 to 8 0 0	6 8 0 to 8 0 0	8 8 0	(a)	(#)	(a)
aina	999	fine ene	968 000	******	5+4++>	041000	000.00	991 910	******	*****	01000	072107	*******
nigwa)	401	D4000	abh 924	009 800	00***	P+1+4+	849448	820 744	8011	604000	100	***************************************	*****
idnapore	000	12 0 0	10 0 0	10 0 0	14 8 0 to 15 0 0	14 8 0 to15 0 0	11 8 0 1013 0 0	11 0 0	11 0 0	7 12 0	40-0 0	40 0 0	70 0 (
Ittagone	4 4 4 4 4	15 D O	15 0 0	10 0 0	12 3 0	13 0 0	9 8 0	12 0 0	12 0 0	2 8 0	14 0 0	14 0 0	800
andpur	041	*****	494 243	000000	*****	0>1 000	20000	000 940	046455	Q ga 505	1 400000	000 ->-	*****
ages.	600	17 0 0	17 8 0	12 0 0	11 8 0	12 0 0	18 0 0	14 D D	16 0 0	9 2 0	808404	414 494	******
arayanganj		01000	******	604 018	999 84 *	00-0 1-0-0	000 00	000 100	*****	010140	4	11+49*	150.000
ymendugh		491413		*******	944+09	******	200000	849 619	510 044	20000	*****	244.094	1 000 40
adaripur	***	023 00m	400000	810000	650000	, 002002	541 004	****	****	941200	044.000	*****	34.000
abua	041	(a)	15 9 0	8.0.0	13 8 0	13 5 0	11 0 0	10 10 0	10 10 0	44 - 949	UDD 920	210.004	
mignoj	991	******	400 000	400000	014000	000000	111000	441	*****		# # # # # # # # # # # # # # # # # # #		11-948
augpur	***	4.1	(a)	200000	18 0 0	18 0 0	7 8 0	11 8 0	18 0 0	800	071440	*****	04444

		Jora,			GHER			HIPM (00W),	
Mario.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year;	Present return.	Next preceding	Corresponding return of last xour.
	70	71	73	73	74	76	76	77	78
	Rs. A. P.	Ra. A. P.	Ba A P.	Rs. A. P.	Ra. A. P.	Re- A. P.	На. А. Р.	Re. A. P. Per 100 pluces.	Hd. A. P.
Paleutta	12 0 0	12 0 0	12 0 0	78 0 0	78 9 0	70 0 0	450 0 0	450 0 0	460 0 0
Detle Hat	000 ve 6		****	******	000 707	****	442.704	000 000	000000
Bardwau	(a)	(d)	(4)	88 0 0	93 0 0	65 0 0	(d) 1000000	(4)	40 0 0
alpa	\$66 C +3		500 444	220 504	400000	**************************************	497901	*****	gara 0.00
aniganj	000,	217.644	. 000 000	049 0ipti	***************************************	*****	*****		******
diduapore	5 4 0	540	7 0 0	95 0 0 to 110 0 0	86 D 0	75 0 0 to 80 0 0	450 0 0	450 0 0	27B 0 0
histogong	B00 00 A	000 901	*******	90 0 0	80 0 0	75 0 0	425 0 Q	425 0 0	100. 250 Q 6
handpur	3 4 0 to 10 B 0	to 10 8 0			### see .	. 000.000	*****	ppedia	******
accs	to 10 8 0	to 10 8 0	to 10 8 0	90 0 0	79 0 0	66 0 0		005.000	********
larsyanganj	to 8 0 0	4 6 0	5 6 0	******	946060	800 +26	D-0 (1 0 ds 0	990 204	9. 001
fymensingh	4 8 0	4 0 0	8 0 0	025 600	n no defect	858.000	044 504	****	44444
fadaripur	to 10 8 0	3 12 0	8 4 0	******	001***	*** ***		400.000	80- 00-
abna	20 10 0 0	to 11 4 0	₩ 10 8 0	76 0 0	76 0 0	107 0 0	*****	200,000	80+000
Hrajganj	400	400		141.600	014 000	******	_ ,,,,,	*****	1 400 442
Laugpur	\$0 6 0 0	6 0 0	10 7 0 0	72 0 0	72 0 0	68 0 0	Per piece,	Per piece.	Pur piece

prices-ourrent of food-grains, salt, etc., in the undermentioned marts of Bengal for the first-half of December 1919.

-	-	-	_	_		_	_	_			_				_	-						_	•			_
						TROI	ξ.							6.	LT							Kunc	NA BC	R OIL		
Marta.		Press	nt ro	tarn.		prec	ooding			nding last	Prom	nt r	eturn.	Next p	reced	ing	Correspo return c	f inut	Presec	it re	taru.	Next	prace		Correspon return of year.	f last
			79			80		1	18			82			3		Ř4	10. 10. 10. 10 a hand		85		0	84		87	
		Rs.	A.	P.		Α,	2.	Re	. A.	P.	Re.	Δ.	P.	Ro. A	. P		Re. A	. P.	l Ru,	A.	P. 1	Ba.	Α.	p. 1	Ba. A.	r.
(slouths	-	9		0	1	0	0	31		0	/ 8	6		2	6 0		3 1		3 1	15 ,	0(4)	3	15	0(#)	2 2	0
Octin Hat			******			-80 000		1	*****		1 1	500 001		**	***		5-0 + 5o			0000			000 011		2000000	
jord wan	400	17	-	0	16		0	to 22	0	0	8	8	0				3 :		3	2	0(6)	3	2	0(6)	3 6	0
gelos	9 547		067004			04 200			*****			940 10		844			00000	. "		0 0 0 4 0			100000		Person	
tuniqumi	441					0+0-0+0			560 PAS			0 po 2 a u		0+1		-1	049.64			ын				[*** 549	
<u>Hidnapore</u>		to 17	0	0	to 18		0	10 20	0	0	8	10	0	31	0 0		3 10	0	4		0 (d)	4		0(d)	041400	
Criticaliania		. 20	0	9	20	0	0	21	0	0	2	11	0	4	0 0		3 (3		D (e)	- 3	0	0(0)	2.4	0
Chandput	A.		000-46			*****		-	*****			*****		900	104		*****			0.000			20 000	1	*****	
Ducta	***		*****			444 ***			P\$1114		4	0	0	4	0 0		4 1		4	2	0(4)	4	2	0 (d)	4 8	
Sernyangan)	100		44 F 0 to			*****			250.014		1	911101		***	0-04	i	4 00 Pd		6.	01900	1		(d.0- s.m.)		*****	
llymenal ngh	000					***			127002			90 t PP4		***	be e		84 > 40			509			42.042	1	BD* 101111	
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Pabus	***	to 18	0	0	16 to 18	0	0.	10 21		9	4		0	14	0 0		4		4	8	O (d)	4	3	0(4)	3 12	
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eughat.	***	32	0	0	22	0		21	2 0	0	4		0	4			4		4	40	Ó(λ)	4	4	0(A)	4 10	0

			MUSTARD OIL.			FIREWOOD.			COAL (BENGAL).
Marts.		Present return.	Next preceding rature.	Corresponding return of last year,	Present return.	Next proceding	Corresponding ruturu of last year.	Present return.	Next preceding return.	Corresponding rotate of last year.
		- 85	69	90	91	93	93	96	96	. 98
		Ra. A. P.	R4. A. P.	Ba. A. P.	HS, A. P.	R8. A. P.	BB, A. P.	HS. A. P.	Ra. A. P.	He. A. P.
sentha.	001	35 0 0	35 0 0	24 0 0		0 8 0		03 0 D04	800+01	000 000
otto HAt	***	\$00 ACC	200.034	47000	957.500	000000	******	0 8 0	080	
erd wan	•••	34 0 0	34 0 0	28 0 0		9 8 0	0 8 6	070	070	0 9 0
Alun.	001	W00 041	400 000	9 perpes	000004	050000	minter		0 9 0	0 9 0
Antgamy	40	001 500	meq 000	000000	240 400	W07000	400000	019	9 1 9	0 3 3
binapore	044	40 0 0 to 41 0 0	40 0 0 to 41 0 0	38 0 0	070	0 7 0	070	628000	29000	644464
integong	801	40 0 0	40 0 0	25 0 0	Spilled .	****	**************************************	P48 500	000 001	000 784
oudpur	000	\$10101	900 100	0.0 0.000	516860	000 000	200 629	040 000	400 100	dep tps
oce	10.0	37 8 0	30 0 0	24 0 0	******	000 mp n	900 tops	011100	*********	******
- Mutanj	444	34400	4 000 000,	044.467	224.440	100 ***	****	ees alsh	#S4.50n] '
Troo malayets	010	\$64 dop	040 040	*****	000000	944=44	99****	******	000 101	2 s q 1000
Maripur	000	200.000	594.000	200 111	0.00 800	940 000	900111	02 + 0 00	******	Exx 800 4
Aoua	***	37 0 Q	38 0 0	20 0 0	000,022	046 bed	#00 pg0	2000,4	****	******
Mani	***	6,00 000	adjoor	\$40.00a	******	040.100	040111	400.000	944944	440-1-
4 offpitt	***	37 4 0	40 0 0	25 0 0	000 002	00000	200.000	044590	90.014	0.050

DACCA,
The 27th December 1919.

J. C. Roy,

for Director of Agriculture, Bengal.

Prices-ourrent (retail) of food-grains, salt, etc., in the districts of Bengal for the first-half of December 1919.

_							QUANTI	TY PER	RUPKE	IN SE	ens of	кіфнтү	TOLAS				
					Соммо	o rica.				DATE (P.		ARHAR CAINA	(Dat.) of	a Thun,		SALT.	
				Average.			Ohespest.			radiatw).		indicus).	-7			
	Number.	Districts are Marts.	Present recurs.	Nett preceding return.	Corresponding retarn of last year.	Present retura.	Next preceding reture.	Corresponding return of last year.	Pruse ne rothern.	Next preceding return.	Corresponding return of last year.	Present rotura.	Next preceding return.	Corresponding return of last year.	Protest return.	Nast preceding retuin.	Corresponding return of tast year.
	-	34-PARGANAR.	B. CH.	8. OH.	s. ou.	8. CH.	S. Om.	E CH.	B, Ca.	B. OH.	8, Он.	8. CB.	P. OH.		S, On.	B. CH.	S. Out.
ſ	1	Chetla HAt	4 4	4 9	16 8	8 0	6 0	6 6	4.9	4.9	4 0	4 0	4 0	4 9	10 10	10 10	10 0
	2	Magra HAt	5 13	6 1	0 4		5 13	7 4	(a)	(a)	(a)	3 12	3 10	4 7	10 12	10 12	11 4
	3	Calcutta-Bulinghata	4 13	4 18	6 0			7 4	4 7	4 7	3 12	4 0	4 0	5 0	10 0	10 0	10 0
	1	Nabia.					,										
- F	4	Geari	5 11	B 11	0 4	6 6		7 0	3 8	3 4	4 0	2 0	3 4	4 0	12 0	13 0-	10 0
	8	Ranaghat	5.0	4 8			S 12	7 0	3 2	3 2	8 4	3 2	3 8	8 4	10 8	10 8	9 0
Passibance.		MURSHIDANAD.															
24	6	Borhampur		5 12	6 12	8 4	8 0	7 0	6.0	8 0	4 0	5 0	4 0	5 0	18 0'	18 00	
Pag	7	Kandi	6 0	8 0	8 4	8 0	6 12		8.0	4 4	4 0	4 0	4 0	5 8	10 8	10 8	10 0
	8	Jangipur	6+8		7 4	7 4		7 12				3 8	3 8	7 0	13 8	13 0	
		Jessone.									*					. !	
	1	Sadar	4 0	6 0	5 12	6 0		8 0	2 8	2 0	4 8	3 0	3 0	4 0	11 4	11 4	10 0
	10	Banguou	5 11	4 3	7 0	6.8	5 15	8 0	2 11	2 11	4 0	2 9	3 9	4 0	11 4	11 4	10 12
		Emuera.															
	11		5 8	4 4	8 0		4.4				8'0	3 0	2 2	4 8	10 4	10 4	9 0
1	12		5 18	5 4	7 8	6 10	6 10		5 0	6 0	5 4	3 10	3 10	5 4	9 6		
		The same bases a set			1		1					,					
(18	Burdwan.	5.4	5 0	6 4	5.8	5 8	7 8	4.8	4 2	2 0	3 18	3 18.	4 2	10 8	19 8	10 10
	14	Kalea	4 9	4 9	8.4	5 D	4 12	6 10	3 10	B 10	8 0	3 10	3 10	4 0	10 0	10 0	10 8
		Denminor					1										
	1.5	Binnhum.	6 0	6 12			7 0	7 8		6.0	4 0	3 12	3 8	5 0	18 0°	12 0"	10 0
		Bampur Hát (#)			7. 0		7 0	7 8	***		3 0		3 0	8 0		10 0	11 0
	٠																
	17	BANKUNA.		8.4	7.0			7 8			4.0		4.0	5 D	11 0	11 0	10 8
3	16	Vishnupur		6.8	7 8	7 6	7 4	8 0	4 8	4 4	5 0			4 8	10 8	10 8	11 0
BURDWAS.																	
B	1 19	MIDEAPORE.	6.0	6.0	(a)	6 11	6 5	(4)	3 4	2 4	4.0	9.4	2.4	4 0	10 0	10	
	100	PAGAP cos one oce			(4)			(a)				H			10 0		
	20	Coutai	8 8	4 8	7 8	7 0	5 6	8 0	3 0	2 0	7 8	2 0	3 0	7 .	10 3	12 0	10 6
		HOOGHLY.															
	21	Badar	4 12	4 8	6 0	5 4	50	6 12	4 0	4 0	4 0	3 12	3 8	5 0	11 0	10 12	11 0
	22	Arambagh	6 2	5 12	7 8	8 6	6 0	7 10	8 4	8 4	40	3 4	3 4	5 0	10 10	10 10	8 0
		Hownan.													1		
	23	Sudar	5 4	5 4	5 0	7 8	6 0	6 0	4 8	4 8	4 0	4 0	4.0	4 12	11 0	11 0	10 0
. i	24	Ulubaria	4 8	4 8		5 8	S 10	7 0	4 0	4 0,	4 0	3 10	3 10	3 8	11 8	11 8	11 4
			-												1		,
-	26	RAJERAHI.		5 10	8 12			7 8	6.4	4.8	4.8			E 4	9 19-	9 18*	
-	26	Nater		4 14	7 9		8.4	8.0	4 0	4 0			4.0	7 8	2.0	2.6	
RASBEA EL		Dipajour-Ratiway	4 13	4 13	7 13	5 6	6 2		3 13	2 13	4 12	3 8	3 3	8 8	10 0	10 0	
BA	60	Banar Hat.	8.0	4 4		7 8		10 0		4.0	8.4	3 18	3 12				
_	1							- 4				- 14					

Prioss-ourrent (retail) of food-grains, sait, etc., in the districts of Bengal for the first-half of December 1918—sould.

				0.		-		-			1					
		-	Lverngo.	Соммо	n Rick,	Thenpast.			DATi (P radiatni	hasnotus).	CADJA	(DAL) O. N PRA (i indicus),	n Tark. Cajan u		SALT.	٠
	DISTRICTS AND MARTS.	of car fa.	preceding return.	ding return of	21 21 21 21 21 21 21 21 21 21 21 21 21	preceding return.	ofing rotors of	rento.	Next preceding return.	ding return of	Aug.	meseding return.	Corresponding return of that year.	torn.	preceding return.	ding return of
Number.		Present return	Next pro	Corresponding :	Present r	Next pre	Corresponding last year.	Present return	Nert prec	Corresponding a	Prosect return	Next pres	Correspon Mat year	Present retorn	Next prec	Corresponding last year.
	DARJEBLING.	8. CH.	a. cm.	S. ON.	B. CH.	8. cs.	8. on.	S. CH.	S. CH.	B, ca,	8. cm.	8. cu.	8. CR.	8. CH.	8. cn.	8. 0
39	Sadar	3 12	3 t2 4 8	6 0	5 0	5 0	8 0	2 12	2 12	4 0	2 12	2 12	4 0	8 0		
	Rangeur.															
31	Sadar	8 4	3 6		5 10	4 4	9' 8	3 12	3 12	4 8	3 0	3 0			8 0	8
82	Nilphamari		4 0		6 10	5 0	9 0	4 0	4 0	6 12	3 5	3 5	6 12	9 0	10 0	
38	Bogra-Sadar	6 4	5 18	8 8	5 10	6 4	8 4	3 9	3 9	6 0	3 9	3 9	4 8	9 12	0 12	10
	PARNA.	-														
84	Sndar 3	5 4	5 4	7 4	6 6	5 8	8 0	3 14	3 14		3 0	8 0	4 8	11 80	11 8*	
35	Sirajgan)	4 0	4 4		4 4	4 8	7 8	4 0	4 0	5 12	'D 8	* *	6 0		8 0	
	Malida.															
16	Sadar	5 12	4 12	7 8	7 0	6 0	8 0	4 0	5 0	8 0	3 0	3 8		12 0		8
37	Balta—Nawabganj	* *	4 12	8 0	7 8	6 6			6 0	******	3 8	3 8		12 0	11 8	
	Dacca.	-														
38	Munshir Has	5 0	4 8	8.6	6.8		7 12	(n)	(n)	(n)	4 0	(n)	(H)	10 0	10 0	H
	,								(47)	1						
40	MYMENNINGE.	4 0	4 0	B 10	4.4	4 4	5 10	4.0	4.0	8.0	4.0	4 0	5.4			
41	Netrokova	5 10	4 8	8 8	6 18		7 8	8 0	8 4		3 0	3 8		10 0	10 0	
	FARIDPUR	4 18	4 12	7 0	5 0	6 0	8 0	4 0	4.0	4.0	2.4	3.0	4 4			
43	Rajbari	5 5	6 5	7 4	5 12	6 18	8 0	4 3	4 0	4 18	3 3	3 3	4 12	9.4	10 0	
44	BAKANGARJ.	4 4	4 0	7 1	4.0	4.4	7 18		5.4	1	2.4	3.4	4 0			
45	Pirojpar	3 12	3 12		3 14	13 14			4 0		(a)	(a)	4 18	8 0		
	Tierma.															
r 46	Comilia ···	6 9	8 0	7 12		8 3		4 8	4 .	B 0	8 0	3 0	4 0		8 0	
47	Chandpur	3 14	3 14	7 12		6 4		3 10	340	5 4	3.4	3 4				
	NOAKRADI.												1			
48	Kulltara Hat	5 0	5 0		6 0	6 0	7 0			4 0	3 4	3 4	5 0		9 0	
49	Feni HAt	8 7	5 18	8 4	6 18	7 0	8 19	4 10	6 0	6 1	(11)	(n)	(m)			
	Outt Pagong.													1		
30	Badar			7 8	7 0	7 0	8 0	4 0	4 0	4	3 15	3 19	4 0		10	10
81	Cox's Batar			11 0	(m)	(n)	11 6	4 0	4 6	4 6	3 4	3 4	4 0	100	0 0	
L 58	Chittagong Hill Tracts-Rangamatl.	5 0	5 0	6 0	8 6	6 0	7 0	4 0	4 0	3	3 0	3 0	4.1	8.10	8 0	
	1 FROID—SENIGRAMAN.	1		1									-			

J. C. Roy, for Director of Agriculture, Bengal.

DACCA;
The 27th December 1919.

DEPARTMENT OF STATISTICS, INDIA.

CALCUTTA TRADE FLUCTUATIONS.

THE following tables are intended to show the trade by all routes, i.e., by rail, river, canal, road, and sea, of the Calcutta block* in certain selected articles during the seven months, April to October, 1919, as compared with the corresponding period of 1918 and 1917. The statistics have been compiled from returns furnished by the Collector of Customs, Calcutta, Railway Audit Offices, Steamer Companies, the Commissioners for the Port of Calcutta, the Collectors of the 24-Parganas and Howrah, and the Assistant Engineer, Calcutta Canals.

General Summary.

imports.—The imports of rice, including paddyt, into Calcutta® by rail, river, canal, road, and sea (coastwise) during the seven months, April to October, 1919, amounted to 14,816,000 maunds, as against 7.594,000 maunds in the corresponding period of the preceding year—an increase of 95 per cent. There was an increase (14 per cent) in the imports of coal and coke (56,569,000 maunds as against 49,511,000 maunds last year). The imports by rail, river, road, and sea (coastwise) of Indian cotton piecegoods showed an increase of 70 per cent, the total value amounting to Rs. 5,64,28,000 as against Rs. 3,32,25,000 in 1918. The quantity of indigo imported during the seven months, April to October, 1919, decreased from 5,733 maunds to 2,919 maunds. The imports of raw jute amounted to 2,564,000 bales as against 2,945,000 bales—a decrease of 18 per cent. The importations of gunny bags also showed a decrease of 29 per cent (206 million bags as against 293 millions in the preceding year). The total imports of oilseeds (linseed and rape and mustard seed) increased by 13 per cent, from 4,136,000 maunds to 4,663,000 maunds. The imports of sugar decreased by 18 per cent, from 394,000 maunds to 325,000 maunds, and those of tea by 10 per cent, from 2,023,000 maunds to 1,830,000 maunds.

sugar decreased by 18 per cent, from 394,000 maunds to 323,000 maunds. those of tea by 10 per cent, from 2,023,000 maunds to 1,830,000 maunds. Experts.—The exports of cotton piecegoods, foreign, from Calcutta by all routes during the seven months, April to October, 1919, increased by 9 per cent (Rs. 14,99,35,000 as against Rs. 13,78,69,000 last year). The exports of gunny bags (including the exports by sea to foreign countries) decreased from 825 million bags to 634 million bags, and the shipments of gunny bags to other Indian ports decreased from 24 millions to 21 millions in number in the period under review. The quantity of kerosene oil despatched from Calcutta and Budge-Budge by internal routes and by sea (coastwise) increased from 2,914,000 maunds to 3,363,000 maunds, or by 15 per cent.

on 2,314,000 madma so 3,000,000 madmas, or oy 10 per cent.

† One maund of paddy is equivalent to 25 seem of rice.

The Calcutta block consists of the town of Calcutta with Howrah and Kidderpore Docks.

TABLE !

Trade of Calcutta in certain eclected articles in the seven months, April to October, 1919, compared with the corresponding months of 1918.

		IMP	ORTS	EXP	ORTS
•		BY RAIL, ROAD, 1	SIVER, CANAL, AND FTWIEK) (a)	BY AKA CPORES	GN AND COASI-
		April to October.	April to October,	April to Uctober,	April to Outaber,
		1			MY 6 W 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Food-grains—					
Rico	Жф	18,894,411	6,441,364	1.939,663	7,H30, 120
Paddy	is. we go	2,374,502	1,843,717	114,206	2.381
Total (in rice; (b)	414 444 33	14,813,975	3,898,707	2,011,042	2.831,668
Wheatan	202 000 99	1,876,004	/ 3,624,362	59,194	498,724
Wheat Sour	11	97,439	46,468	810.018	246,185
2		3,048,487	3 416,360	866,769	799,750
Other food-grains		484,888	322,093	81,793	¥1.2 7
Total food-grains	*** *** 61	20,322.706	15,013,991	3,1HD,41H	4,367,544
ANN AND STREET	414 49	10,000	***************************************		
Couland Coke	*** *** #5	86,865,504	49,511,258	0,849,873	2.420,729
Cotton raw	jui Bafés	90,833	61,604	49,396	18,040
twist and yarm fodian	Mds	164,999	201,798	198,079	60,841
o plecegnods, Indian	Rs	8,64,28,410	3.39,\$4,50C	1,071,002	10,02,874
Indigo	Mila	3,919	8.733	9,411	21, 112
Jute, raw	B.clos	2,563,573	1,945,172	1,060,200	1.809,140
" gunny baga	No	204,578,477	298,171,718	390,231,381	769.253,927
Late on the co	Mds	389,073	23H,777	311,255	231,282
Olimords - Listeed	** *** ***	3,200,636	2,280,616	3,309,526	1 019,267
Rape and mustard		1,458,673	1,885,622	d 02,586	125,969
Silk, paw	944 254 43	1,350 (17)	1,407	3,268	2,161
Sugar-Hedned	ana 600 gg	41,418	107,238	120,874	13,084
Unreflued	*** *** \$4	243,624	260,006	4,293	66.3
Ten (Indian)	***	1,829,694	2,023,088	1,600,266	1,916,563
Tobacco-unmanufactured	*** *** **	650,636	428,008	199,716	120,619
., maunfactured	*** *** ***	29,832	39,784	4,609	6,241
,,	•	1			
		EM1	PORTS.	BXI	PORTS
		BY SEA (FOR	BION AND COAST-		RIVER, CANAL, AND
		April to October	April to October, 1918	Aprili to Outober,	April to October,
Cotton twist and yarn-foreign	Mda	97,966	75,972	102,694	189,018
Indian	est 614 (\$	26,761	16,260	o 287,946	825.490
plecegoods -foreign	Ho	11,07,33,119	13.09,88,481	14,99 34,640	18,76,69,197
e todian	*** *** 30	89.57,471	#+,n0 1JB	3,63,16,777	1,29,47,257
Kerosena oli (c)	Mds	3,706.125	3,166.710	3,363 236	2,914,468
Bult	444 41 44	5,841,862	5,426,923	5 487,436	4,626,987
Gunny bags	No	99-096	444×49	65,184,886	80,160 385
9					1

⁽a) The imports by sea are constwise imports from other Indian ports only.

(b) One mand of paddy is equivalent to 35 sears of rice.

(c) Including figures of Budge-Budge trade.

(d) The imports by sea include imports from other Indian poets, together with imports from foreign countries.

Imports of Principal Articles into the Calcutta Trade Blook by Rall, Road, River,

						Ponu-0	RAINS						Cottou	1
Whence Is	aport			itee and pad	dy	Wheat	Wheat	Gram	Ottor:	Fotat	Coul and coke	Cotton.	yaru. Indian	Cutton piece good Indian (b) (c)
			Rlea	Paddy (a)	Total (in rice)		Sour	puine	grains	1	-		(6)	
BRKQ	A1.		Mds	Mde	Mds	Midn	Mds	Midn	Mda	Mds	Mds	Bales of	Mde	Rs.
ardona		***	128,389	518,286	480,417	499414	277	8,291	176	459.151	22,991,668	400 Iba	9	5,8
[rbhum	***	***	127,427	4,881	130,478	3,170	43	540	PO1 94*	188,981	1000m	4	102	1,3
Ankura	***	900	8.020	60,323	42,821		34	318	1	41,676	179	5	181	49,0
idnaput	***		1.046.823		1,075,686		51	11,602	3	1,000,313	488	181	1,210	2,18,0
ooghiy	421	014	£98 4'0		672,437	1.131	472	1	11,338	915,227	41.222	87	21,391	14,00.0
-Pargauns		***	1,286,383	848 355	1,684,757	437	- 80		2,638	14669,448	74,118	880	14,515	5,78,0
adia	247	***	56,19:	47,002	16.867	38,516	4.881	376,607	33,756	527.747	3	91;	74	62,3
nrohidabad	484	***	83,788	727	84,179	82,744	596	139,998	34 391	241,778	90	34	3	2,2
entore contraction		111	106,657	88,779	141.719	307	65	185,017	2,248	270,316		1,845	P	1,5
hutan	+4+		150,678	402,410	402,361	2,118	B	22.148	21.	420,069		324	5	4.7
	***	***			1	12,833		1	1	101,774	1	16		4.4
ejekuhi In-dana		016	3,165	109	8,233	;	349	88.210					*** ***	1
inajpur	***	***	25,929	88,517	48,318	000011		2,386	367	51,018	411-00	13	M-010	1
alpaigeri	04.0	***	230	1,638	l,defi	******			132111	1.663	440 -0	6	8	6
arjeellag	901		428	1,679	1,614	1	1 400.00	10	80	1,450	000000	445-11	******	1
augpur	***	***	6,201	4.200	B.896	9.837		5,836	1,:-63	14,627	1 17*****	199	13	1,9
Ogra	***	***	0,649	47,261	\$9,196	32	*******	4,688	2 489	46,395	Ad 0 440	30	5	******
abpa	***	n	2,718	*****	9,719	39,918	1,377	164.567	767	199,641	H49.040	65	54	2,2
aida	*** {	94.	1,808	002100	1.800	19,708	1,198	14,339	7,007	48,450	844+++	*****	21	.3:
ool: Behar		*** 1	499	******	492	925	199	292		1,489	*****	*****	6	*****
LOUA	.,, 1	***	20,401	913	20,734	1.640	198	32,254	7,848	52,408	*****	10,277	1.14	6.3
ymeusing»	***	***	974	*****	974	317	448711	9,454	10,844	21,289	800-19	458	51	4.3
stidpar	*** {	71.1	18,302	3,030	67,760	19,938	147	109,809	6,946	153,499	894142	687	96	2,8
nkarganj	***		492,626	3,149	493,571	9	26	3,942	*** >**	497,841	*****	11	63	3,01
ippera (inclui Tippera)	ding	Hid .	5,680	197	8,7114		** ***	449920	796	4,449	*****	181	*****	*****
Ushall	**:	***	4		4			7ull		THT		1	80	1,01
histogong	40		SN,067	*******	56,067		45	4.089	******	:04,180	******	8.881	***	*****
hittagong t'o			2,188		3,100					1,155	45+***			
Total of Benj		1	4,490,876	2,104,101	8,638,670	187 750	10.678	1 100 000	123,980		## 1432 F.Bu	10 000	97 600 5	23,88.94
20-11 01 2001	10	***	4,440/610	2120,00	0,000.070	187,370		1,162,099	-	7,090,040	13,107,538	18.628	37.965	40,00,01
OTHER PRO										- gota <u>-</u> ,	i			
AND Pla											1	i i		
bar and Uple		***	5,885	9,530	11,841	201,879	0,959	1.063,186	181,991	1.48R.C88	38,467,682	740	1,013	2,10,61
Dof to	***	***	161,794	186,879	247,844	5,234	308	7,354	303	363,942	3,279		41	33,05
P. of Agen a			2,979	225.000	2,972	1,267,490	05,419	426,686	20,027	1,783,494	0=0 00	4,346	3,189	8.09,36
nd and Brit	inter	intu-	6,126	410 444	8,126	340,853	9,742	04.146	2,062	311.929	000 001 000 001	4.774	1,074	7,21
strai Provid	Milde	and	424	9	429		554.550	:,614	138	1,078	******	41/116	890,08	16,44,31
enbay	470	1004	001011	411000	93 644	694 -05		1.889	2	1.362	2	5,781 1	62,929	4,22,80,91
stirne	224		011141	517.053	100 000	2,835	96	10.483	4	19,111	000000	13,868	22,465	38,16,74
Ащт			8,907,874	3,035	8,910,038	163	044 233	306,381	168,957	9,401,324	*****	1,119	540 040	600.000
	l Cy	ntrol -	360	10.000	260	004.22	45	84	466	883	2		** ** **	5,22,12
ijputana end ludia		640	*****	127 012	90-015	400 111	******	040511	611 Gard	*094**	- 09002	481	185	24,00
ijputana and ladi a F am 's Terrip	ory					******	1,268	******	1,159	9,417	4		1,062	10,70,42
ludia isam's Territ	ory.	111	*** ***	290 44	***									
ludia isam's Territ	-		****	*** c*		-				1				
ludia Fam's Territ		441				1.870.004	97 418	h 000 493	ARL MAR	20,225,705	54 569 BUZ		148,989	5,84,70,03
ludia sam's Territ			13,394,471	2,274,508 1,648,737	14,818,970	,	97,439	8,008.42; 3,416,860	481,063	20.832.70	54,568,600 49,511,886	90,833		5.94,70,93

Canal, and Sea (Coastwise) in the seven months, April to Sctober, 1919.

	Jų 	TE		ОПЪ	EEDS		9114	411		Tos	AUCO	
haligo	Itaw(d)	Gunny- bage(e)	Lac	lelmerd	Hape and musterd	nile, rnw	Heffuel	Ua- reflued	Teu, ludiun	Tumann- factured	Munu- factured	Whence impursed
Mdp	Bales of	No	Mids	Mide	Mds	Mile	Mda	Mile	Mirls	Mida	Mds	Burgal,
	400 lbs 3,848	99. 37	89	739	5,283	#2+ 20¢	25	778		356	19	Bitriwan
	211741	33,497	400	678	1.781	***	80	Δ	1	960 000	****	Birbhum
	******	17,961	49	J 224	140000		4****	000 ***	9	185	44	Bankura
198384	7,317	81,991		533	921	44	200 000	42,098	*****	85	26	Minapur
4	86,071	68.189,209		544	2,078	******	23	66,000	068344	L4.263	990	Hooghly
	109,146	188,888,789		32H	2,911	******	13,870	28,518	34	6,169	8,905	24-Parganas
	56,427	30.625		411,786	4.283	89	430	6,060	566.000	10,465	16	Nadia
*** ** .	13.960	11,999	1,521	23,847	1,009	1:143	3 (190	Thirap	518	1,487	Murshidahad
	19,633	26,240	405114	1,422	3,840	80-000	49-104	71,750	100-00	3,430	40	Jemorn
	34,66H	14.391	24.244	2,868	1,610		*****	661		225	0104 6	Khulna
116.711	70,104	1,296	#4 (4)	13,303	2,538	*** 000	111.00	100.001	111 001	82	9	tajakalı(
PP\$ 1140	45,730	100,614	dan ye	18-140	1,853		500 c. a	8	******	384	010300	Dinejpur
*****	\$7,295	39,198	18	644.159	1 4,190	******	******	37-144	496,841	161,313	6	Jaipaigari
P41-644	0,423	H, 1279		418	393	*****		1	172 441	6,661	21	Darjeeling
*****	246,469	137,849	******	4.419	1.457	******	7	713404	14,298	153,948	4	Raugpur
******	110,482	18,282	24-104	2,979	9,703	*** 98.6	******	a .	3	*** **	*****	Hogra .
400 41	187,63d	27.101	sécuri.	15,453	10 845	*****	98	111950	16	#7	In Pag	Pabna
	10,856	615	IB	2,156	1,014	161	241 240	******	442.50	113	000000	Malda
*****	40.217	1,363		20120	4211		*****	2,101	. *** 40	38,413	404 .4	Cooch Behar
000	564,32H	31,794	6	1,849	1,975	144	\$9H	81	1,866	10	8	Dages
	352,860	7,431	100000	617	5,816	******	13	4144.4	*****	117	7	Mymonulogh -
	166,466	60,763		3,600	10,488		36 '	300	20+400	D1	18	Faridpur
*****	5.425	84,635		1406	139	*****		260	99	******	******	Bakarganj
****	88,694	3,086		206	786	v40 0-00		, ,	28	******	> 0 0 = 0	Tippera (including Hill (ippera)
100 000	949	8,813	*****	1,417	414.140	005344	*****	8 84 × 10 B	Pet est	,,,,,	010 17	Nonkhall
441401	49	9,968	*****	0.00 - 7.6	4Ax	****	000194	407 604	8 ,780	50 * ***	3	Olifetagorig
200.000	*****	*****	*****	40-619	140 11	******	*****	444-14	*****	******	249-24	Ohlttagong Port
1	1,200,549	104,592,014	2,053	118.946	76,682	1,487	14,993	219,641	791,177	396,634	6,537	Total of Bengai
•						•						OTERM PROVINCUS
1.865	183,875	184,787	181,463	2,038,896	199,752	669144	1,330	23,623	7,846	173,386	19.038	Bibar and Orlans
0=000	107 749	79,611	33.041	63,631	100.934	101	3	21	1,023,783	125	69	Asserto
1,880	****	354,655	94.486	898.709	835,889	4+ 64+	1,761	14,466	t will a	606	707	U. P. of Agra and Outh
441+41	866.044	CB,963	410.059	225	131,797	*****	244.50	401	81	21	10	Puniab
464 070	******	- 1,148	160000	******	12,046	400171		******	51	6	18	Sind and British Balu- chistan.
ontong !	AND	128,740	12,504	63,204	3,436	8	PR4 444	*15.00*	23	149	1,823	Central Provinces and Berar
749 000	*****	\$1,613	*****	*11707	77,099	42.002	1,979	3	49	6,628	60	Bombay
010000	*****	-8,131	1.096	690	1.163	13	16,968	23,015	306	*81,031	579	Madras
*11000	*****	6,386	23,546	1	*****	000	182	1,581	63	21,787	985	Burma
*10934	****	* 22,14n	1,014	10,506	14.488	24. des	944.44	176	33	***************************************	9	Rajputana and Contral
*****	*****	*** **	*****	000000	*****	050-17	******	****	207438	1 ******	*** **	Nizam's Territory
*** **	115.000	AT 200	(1) FD0	404 40	41 111	400 101	******	647	18	1,408	490-44	Мучото
2,919	[2,563,578	205,573,477	339,073	3.208,838	1,483,678	1,866	41,418	968,524	1,829.624	480,636	29,832	1919)
3.723	2,945.379	\$93,171,718	289,727	2,750,316	1,455,622			284,566	2,023,080	436,006		1916 - GRAND TOTAL
2.437	2,243,459	326,763.711					167.286				86,734	1917
		3001193.711	311.528	163,386	1,949,062	8.443	162,154	223,249	1,784,098	487,013	37.707	

⁽⁴⁾ Excludes imports into the milis outside the Calcutta block, which are 1,688.873 bales, but isolades imports into the Kidderpora Books, names. 47.345 bales, (7) Of these, 1,488,780 bales came by rail, 1,019,748 bales by river, 37,783 bales by road and 17,832 bales by sea.

TABLE III

Statement of the Routes by which the Articles enumerated in Table No. II were imported into the Calcutta Trade Blook in the seven months, April to Cotober 1919.

				Poon-G	HAINS					Cotton	Oottop	
	Routes	Ricer	Paddy (a)	Wheat	Wheat	Gram and	Other food- grains ,	Cont and code	Cotton,	yarn, Indian (b)	piece goods, Indiansb)(e)	Indigo
	4	1		1		1	1	1		<u> </u>	1	
		Mde	Mds	M de	31 din	Mds	Mds	M to	Bales of	Mds	its.	Mde
1	E. B. Rollway (Including P.	257,52× 812,891	613,878 368,394	1,050,970 986,988	76,107 8,978	1.238.184 775,684	125,193	41,410,370 8,348,007	9,569 1,718	8.621 1,528	21,28,817 6,45,821	1,64
ly mil <	C. Rutiway) AB. Railway HN. Railway B. & NW. Ruilway	1.088 341,523 441	801	471,710	1,442	R21 - 30,738 223,784	1,804 A6,407	11,220 896	03,1 3 8 416	106,713 16	3,815 4,74,37,902 7,853	1.986
	DS. Italiway Kadghar-Falta Railway	114,806	#8; V24	804	4++440	******	H44 ***	4+1 542	0+ 000	010.209	2,238	No.
	Howrah-Amta and Howrah- Seakbala	40,141	6,880	+4+100	24	10	PSQ coc	., , ,	******	*:*FBF	30,710	200
1	Likht linfl- ways			ĺ								
. river	Bengal Biliar and	386,787	12,386	10,878 8h;696	648 0,398	51,463 83,875	18,613	20	12,691 34	418	2.35,486	***
<fraggre< td=""><td>Aman U. I'. of Agra and Ordh</td><td>48,698</td><td>98,697</td><td>760</td><td>14.</td><td>586,1 666,2</td><td>302</td><td>3,379</td><td>3 4</td><td></td><td>90,342</td><td>946 990</td></fraggre<>	Aman U. I'. of Agra and Ordh	48,698	98,697	760	14.	586,1 666,2	302	3,379	3 4		90,342	946 990
, boat	*** A#1 0#4	2,226,012	1,005,937	44.696	474	287,411	18,604	1,005	2,725	32,227	13,61,500	
, road	441 507 514	380,366	25,245	10h	Feb 44	1,416	1,006	84,974	457	0,671	7.02,874	**,
fon	*** *** ***	H.907,563	3,985	3.37H	1	404,540	183,987	moc ***	9,132	*****	******	491
	(1919 ***	13,394,411	2,274,502	1,476,094	97.439	8,065,627	484,863	56,568,604	184,60	14×,938	5,54,70,989	2.91
lotal .	{ 1918 }	6,441,384	1,848.717	3,684,863	46,46H	8,416,360	122.093	49,511,858	61,604	185,533	2,93,64,448	8,71
1	1917	5.960,912	945,017	6,387,433	10R 527	3,866,327	396,495	47,979,091	89,277	283,890	2,43,96,949	2,41

		16	TR		Ottag	K136	.}	500	BAR .		Tous	cco
	Routes	Raw (d)	Gunny base (*)	Lao	Limeed	Rape and mustard	Slik.	Refined	Unrefined	Tos. Indian	Unmanu- factured	Manufactured
		Balos of	No.	Mila	Mdo	M dis	Mds	Mile	Mds	Mdn	Mds	Mila
	E. I. R diway E. R. Railway (including B. U. Railway)	45,168	897,778 706,039	169, 9 06 18,018	783,670 114,616	1-64,937 DH,481	12 495	916	27,144 41,655	1,034 806,878	4.191 61H,604	9,161 1,481
By rail	AB. itnilway RN. Bailway B. and NW. Railway	106 1,406 14,801	36,333 360,086 21,684	118,698	3,447 66,557 3,164,13 H	16,346 267,000	23	19,393 8,001	16,054 11,627	227,19-1 2,948 57	39,800 31,160 ,	3(2,10)
	D. S. Railway Kalighat-Falta Railway	*** ***	19,841	VIII 600	******	******	000000	000 00	#6= ++ -++ +9#	186,006	***************************************	\$40.000 bes
	Howrsh-Amts and Howrsh- Seakhala Light Rall- ways	2,003	93,584	*****	23	***************************************	-	8	860	195 001	\$1	
river	Biliar and	778.774 474	6,332	86	6,023	\$1,970 8,670	874	627 132	3,873	20,122	6,333	10.48
eten mer	Amain U. P. of Ages and Ondh	37.527	30,094	8,319	65,365	66.071 227	41	776		618,793	- ***** 18	10
se boat	040 615 994	187.079	909.4:8.955	app 604	8,408	15.79;	400 251	591	148,645	84	21,536	-1
rond	*** *** ***	87,783	880,188	Pq=161	80	*****	000	18.704	30,684	600 14	6.619	4.88
11 1106)er)-t 000	17,232	81,166	23,716	t	7,107	b- 461	1,883	1.831	143	\$1,969	1,40
	(1919	2,568,678	208,573.477	889,078	3,400,836	1,433,673	1.556	41,418	268,594	1,629,624	850,876	29,88
Total	{ 1918	2.945.173	998,171,718	258,777	2,250,016	1,886,629	-1,407	107,238	256,566	2,023,08H	456,006	28,73
	1917	2.943,489	2:0.768,711	311.283	662,356	1,049,682	2,443	162,154	223.749	1,784,008	467,012	27.70

⁽a) One mound of paddy is equivalent to 35 more of rice.

(a) Excluding trade by sea (continue).

(c) The value rates are fixed quatterly, and the mouthly valuation is unady at the value rates of the preceding quarter.

(d) Excludes imports into the millsouts should block, which are 16.55,873 bakes, but is studied imports into the Eidsterpers Docks. cas 4s,256 bakes.

(e) Including gunny-cloth, 2 yards of clother 5 bags.

TABLE IV

Imports of certain Articles into the Port of Calcutta by Sex (Foreign and Coastwise) in the seven months, April to October, 1919.

***				OPTION TWIST	T AND TARN	· COPTON PER	CE GOODS	E acomina all	: Batt
	1			Foreign	Indiau	Foreign	Indlas	Md. 3 1,791,893 1,791,896 1,016,881	SHIP.
orman—				Alds	Mds	lts.	1to	Mda	Mds
From United Kingdom	***	*** 44.6	401	18,078	P#8 496	9, 56,74,459	****	. 3	1,185,800
Other countries		- 0 909	***	8,938	~20 + 0 b	1,52,67,840	040++1	1,791,893	4.700,000
		Total	400	94,016	00+404	10,79,46,899	910 804	1,791,498	5,841,163
OABTWIEE-								1	
rom British Ports In-									
Bihar and Orissa	40-	701 000	***	19	404 444	******	414.00	400 000	059 110
Bombay	*** ***	p.c 950	, 114	1,446	16,458	4.44.888	88,84,969	44199	89.000
Madras	*** ***	407 400		975	140	16,078	8,882) hee -	
Buenia	10-9 6-1-0	*** ***	***	854	169	93,97,991	1,14,870	1,914,981	000 000
		Total	••	3,260	16,761	27,87,649	89,67,671	1.914.281	*****
		(1919	158	97,266	16,761	11,07,88.448	80,87,471	8,706,129	3,841,16
GRAND T	OTAL .	. \$1918	011	78,973	16,260	18,09,68,481	38,60,128	3,164,716	5,426,90
*		1917		41,878	1,184	12,65,78,860	82,523	2,806,55\$	4,070,71

TARLE V.

Exports of Principal Articles from the Port of Calcutta by Sea (Coastwise and to Foreign Countries) in the seven months, April to Cotober, 1919

				₽00D-U	RAINS	•					Cotton	
:	Hire	Padity (a)	Total (in rice,	Wheat	Wheat	Gram and pulse	Other food- grains	Total	Cont and coke	Cotton, raw	twist and yarn, Indian	Ostron picco-good Indian
Constatoj-	Mds	Mdu	Mds	Mds ,	Mds	Mthe	Mds	M do	Mds	Bales of	M ds	Ra
To British t'orts			!			•				llau	,	
Bougal	986	610 100	210		67	76	000000	428	272	11	896	4,780
Bluer and Orbon	28,477	*11***	18,477	484	1,007	4,845	202401	30,403	4,614	******	1,994	** 990
Madras	868,642	114.905	u85,028 ¹	8,500	524	675,617	66	1,423.700	841,908	200 200	69	
Burma	4,575	000.000	4,576	39,548	165,476	188,896	17,678	\$80,665	3,688,408	162	94,663	10,93,83
Total	B\$1,982	114,208	962,360	48,601	167,632	616,046	17,739	1,834 298	2,031,947	173	97.807	10,07,861
												1
Poreign-	~			}								
To United Kingdom	я	BBD (17	(4)	80	680+011	3,019	494 884	8,007	3,108	2,769	******	268426
., Other countries	1,047,678	1	1.047,674	10,818	32,966	346,904	14,084	1,852,133	7,614,692	46,434	31,670	63,80
Total	1,047,581	1	1,047,683	10,893	32,966	249,633	14.034	1,365,120	7,617,795	49,273	81,670	63,80
(1919	1,939,663	134,806	2,0110,0	59,196	220,618	866,789	31,798	8,189,418	0.640,872	49,396	198,979	10,71,061
TOTAL 1910	2,830,190	2,861	808,188,2	488,724	346,185	799,760	21,277	4,867,544	7,420,789	18,000	118,00	10,03,87
t1917	672,983	120	673,088	84,198	579.131	573,428	81,789	1,903,560	10,068,103	33,577	76,488	18,66,66
1												1
		J	UTR	1	011.8	EZDS		BUG	IAR	,	То	BACCO
	Indigo			Line		Rapa	Hilk, raw			Ton.	Un-	1

		Jt	TR 1		Ollski	RDS		BVa	AR	.	Tot	BACCO
	Indigo	Raw	Cunay Impoloj	Line	Linsord	Rapo and mustard	illik, raw	itelined	Un- refined	Ten. Indinu	Un- manu- fac- tured	Manufac- tured
Tourse Ports	Mels	Bales of 400 lbs	No	Mds	Mda	M de	Mda	Mde	Mds	Mris	Mda	Mide
Bengal	*****		633	*****		*** ***		1,906	62	6	236	36
Biliar and Orima	*** **	964 +19	6,771	P47 128	******	186	844.647	470	847	he r 94 ff	1,893	190
Madras	238	9	807.198	100	*******	1,848	44 +44	92,961	517304	30	647.044	402277
Burma	******	188	20,862,418	290	******	4,408	****	25,804	3,880	R,636	116,308	2,345
Total	988	167	90,717,018	318		6,263	*****	190,141	4,269	8,661	- 116,368	2,87
Foreign-			,									
To United Kingdom	2,414	\$12,923	76,465,460	96,498	2,378,189	9,611	1,903	7	*******	1,471,974	27,426	91
., Other countries	7,769	847.118	493,049,434	914,431	934.387	46,718	1,976	6,718	4	194,681	48,934	2.019
Total	9,178	1,080,041	569,814,HB6	310,936	3,809,530	56,394	3,268	6,788	4	1,596,606	76,360	2,000
(1010	9,411	1,060,908	\$10,481,0-);	811.955	₹8,809,82R	89,586	3,968	130,674	4,293	1,605,366	193,716	4,60
GRAND 1910	\$1,612	1.809.140	769.358,227	341,382	1,018,967	236,983	3,161	(8,064	683	1,916,563	130,619	6,34
1917	15,012	848,736	794,971,886	344,403	\$14,819	170,840	3,984	2,368	8,006	1,678,439	183,677	3.31

(a) One maund of paddy is equivalent to 25 seers of rice.

(b) lucluding munny cloth, 3 yards of cloth = 1 bag.

	COTTON TWI	BY & YARN	COTTON PIL	CEGOODS*		KRROSE	AR OIL	
Whither exported	Foreign	Indian	Potelgu	Indian	Gunny baget	From Calcutta blook	From Budge- Budge!	Salt
BRNGAL	Mds	Mdn	Ra	Ro	. No	Mds	Mds	Mds
lurdwan	673	4,188	25,48,201	2,89,326	886,368	31,075	PERAZ	143,207
Arbhum	138	4 8,609	18,97,580	2,20,860	\$18,203	196	33,600	98,684
mukura,	184	4.240	6,38,148	8,815	86,879	80		60,278
idnapur	9,603	8,196	39,05,908	2,69,226	804,667	11,039	79,304	203,827
looghly	6,494	417	9,33,457	1,67.983	287,502	36,377	92,346	160,211
6-Parganas	984	2,986	5,58,100	3,37,364	728,492	64.486	45,299	109,415
adla	1,999	¥3.760	54,58,844	6,09,125	618,088	4,993	\$4,768	207,371
lurshidabad	498	5,646	29,36,224	1,90,977	808,189	3,936	66,483	173,10
omore	1,377	4,072	14,08,916	3,15,329	346,493	8,097	87,678	96,641
hulpe	2,334	985	8,09,065	3,39,003	177,038	8,232	84,807	57,000
and the second s	37	597	27,49,651	3,64,932	179,339	3,518	26,405	70,976
10		1,258	32,51,477	7,69,901	178,268	763	88,933	119,970
a) and and	180	3,759	34,96,733	7,17,488	166,805	1,768	31,003	108,08
to Vivo	281	1,604	23,66,810	1,79,126	130,831	803	26,186	64,73
a agenta	417	3,397	67,50.890	816,86,8	157,622	1,497	86,783	341,32
	10	1.489	27,40,466	20,05,576	182,840	2.096	47,700	145,84
	3,204	4,874	29,63,376	10,39,328	104,180	031	188,203	176,11
	Marie Control	4,408	18,80,310	3,87,142	129,130	9.5	8,490	40,36
lalda	118		18,64,891	1,90,685	66,367	144	18,010	
	36	860	THE COURSE	Charles and	128,781		THE STREET	53,44
MOCA ser sur our ser	10,862	7,092	83,87,608	9,47,567		18,048	295,610	895,97
Cymousiagh	4,010	4,000	82,76,742	40,88,985	76,343	292	81,885	881,30
furidpur	8,747	1,810	20,38,380	8,47,661	179,480	7,000	34,967	163,720
Sakargani	7,481	729	9,18,199	11,46,971	431,197	2,710	36,145	118,100
Cippera (including Hill Tippera)	2,480	7,807	\$1,87,505	67,204	108,691	008	780	63,96
Noakball	7,811	6,414	12,26,114	3,47,288	39,376	60	21	1,944
Rittagong	4,509	380	9,67,066	2,43,710	165,599	41	39	1.751
Dhittagong Port	33	588	13,34,048	2,93,377	6.784	***	- 644	16
Total of Bengal	67,829	110,599	6,62,00,468	1.69,77,262	6,884,546	197,888	1,657,926	3,468,52
OTHER PROVINCES AND PLACES	7.5			200				
Biliar and Orisin	7,706	61,239	8,35,51,801	1,13,57,819	5,900,154	5,650	754,708	1,446,86
Leman	11,098	9,363	1,35,44,327	31,39,454	623,037	8,115	61,397	480,44
F. P. of Ages mut Outly	1,696	2,548	1,81,60,286	29,84,334	7,181,070	1,746	770,986	6,95
O	3,682	1,001	1,33,25,788	3,17,140	8,981,643	110	49.840	2
	1		1,09,876	***	1,571,088	887	343	
	16	643	10,31 826	1,47,349	1,784,841	1,189	18,976	3,60
	1,139	945	12,26,421	91,498	6,374,388	5,438	176	
	150000000	WALL OF	Elizabeth Color		200000000000000000000000000000000000000	3,004		16
	2,336	5,780	6,38,771	8,78,164	4,835,830	1-5-0	S	
La de la companya della companya della companya de la companya della 7,349	94,663	30,91,509	10.03,682	20,352,618	298	204 Ten 2000	37	
Kajputsus and Central Judia	CONTRACTOR POR	168	8,04,149	30,984	961,837	1,703	20,720	HE.
Kashmir State	47		1,958	***	41		662	***
Mizam's Territory	-		3.41.078	980	827,186	3,514	-	454
Mysore	301	***	9,054	1,982	989,071	***		***
Port Blair	***	896	8,300	4,780	633	150	***	250
(1010	100,483	347,940	100000000000000000000000000000000000000	8,63,14,777	66,184,880	239,563	3,133,654	5,857,48
GRAND TOTAL 1918	159,093	228,490	13.76,40,197	1.20,47,327	80,150,085	171,590	2,745,868	4,636,98
1917	116,879	210,010	14,64,19,697	1,39,99,645	48,628,030	226,821	3,116,286	4,041,06

The value rates are fixed quarterly, and the monthly valuation is made as the value rates of the preceding quarter, finelading gunny cloth, 2 yards of cloth = 1 bag.

The exports of Kerosene cil from Budge-Budge to Calcutta in the seven months, April to October, 1919, were 585,781 maunds, as arguing 535,814 maunds and 514,72 maunds in 1918 and 1917, respectively.

TABLE VII

Statement of the Routes by which the Articles enumerated in Table No. VI were experted from the Calcutta Trade Block In the seven months, April to October, 1919

		AND YARN		COTTON PIECE-GOODS		Guany	KEROSENE OLU		
	Rontes.	Foreign	Indiau	Foreign	Foreign Indian		From Oxleutta Budge- Rlock Budge		Salt
- 1		Mds	M da	Ha	Ra	No	Mis	Mda	Mds
	f E. L. Hallway	7,376	41.236	8,49,08,148	53,00,918	B.379,610	22,782	927,393	797,271
614.1	E. B. Rallway (Includ- ing B. O. Rallway)	3,398	05,030	4,17,99,599	1,12,56,397	3,862,144	25,144	988,084	1,781.836
TO SECOND	A.B. Rallway	1,639	15,008	92,99,014	7,88,868	161.868	-1,769	482	07,96
Party.	BN. Italiway	1,101	22,586	45,16,369	14,13,549	2,500,938	6,001	2.910	* 884.743
	B. & N. W. Rallway	100	7,106	9.07,68,041	61.03,287	2,987,085	1,947	860,808	328,868
10.00	O. & H. Railway	451	460	25,43.824	9,44,904	966,018	869	281,841	41
100	Howrah-Amta and Howrah-Seakhala Light Ballways	1,867		8,13,210		84,777	6.780	649	19.91
ly rall	NW. Baltway	1,850	569	80,88,126	74,778	9,161,368	90	11,662	***
	G. I. P. Rallway	1,240	272	17,17,906	1,08,151	8,837,867	7,069	7,497	
1000	B. B. & C. I, Rallway	178	401	8,78,609	16,423	1,605,519	167	4,683	***
1	M. & S. M. Baliway	2,000	3,016	4,47,000	1.45,478	2,880,947	2,796	1.	21
O F	S. I. Railway	14	196	1,028	42,346	897,581		100	4904
	J. B. Hallway	441		9,87,656	18,760	139,180	278	496	100
	N. G. S. Rallway	9.00		2,41,081	960	934,784	3.514	***	
	Other Railways	110	8	6,80,389	1,21,862	160,064	1,302	31,184	10,48
	[Bongal	52,461	18,000	1,88,99,001	64.89,341	1,877,802	22.125	666,894	895,36
	Billiar and Orima	714	885	4.56,786	1,72,556	1,687,179	14	tes	1,19
steemer .	Assum	10,455	3,816	67, 68, 794	25,59,957	598,395	4,916	12,550	950,190
	U. P. of Agra and	58	28	1,02,074	10,664	186,646	40		040
, boat	*** 92* 500 845	6,070	***	4,30,060	47,890	270,706	\$1,950	180,080	598.28
road	V 101 100 000 000	4,238	378	7,37,069	4,58,617	822,197	71,009	4,084	98,48
***	m (m) in Sha	H,887	97,869	30,99,964	10,07,569	90,717,015		13,600	18,08
	(1019	102.693	207,946	14,00,34,640	3,63,16,777	68,184,880	729,583	2,132,654	5,357,41
To	ta:(1918	159,098	925,490	18,78,69,197	1,20,47,387	60,120,588	171,590	2,742,848	1,694,06
THE STATE	1017	116,972	249,010	14,64,10,097	1,39,99,646	89,888,080	128,821	8,116,786	4,041,04

The value rates are fixed quarterly and the monthly valuation is made at the value rates of the preceding quarter.

* Including gunuy cloth, 2 yards of cloth = 1 bag.

DEPARTMENT OF STATISTICS, INDIA, D. N. GHOSA,

December 29, 1919,

Offg. Director of Statistics.

Statement of Weekly Gauge-readings on the River Ganges at Rampur-Boalla for the week ending the 20th December 1919.

Date.	Hour.	Height of surface above or below zero : minus sign for those below zero.	Height of surface above mean sea- level according to P. W. D. datum.(a)	Height of surface above mean sea- level on the same date last year according to P. W. D. datum.(a)	Romerka.	
1919. 14th December 15th , 16th , 17th , 18th , 19th ,	8 A.M. 8 " 8 " 8 " 8 " 8 "	Zero of gange is at mean sea fevel.	40°35 40°20 40°10 40°05 40°00 39°90 39°80	39:06 39:01 38:96 38:91 38:81 38:71 38:61	B. M. on College step corrected, 64 98.	

(a) P. W. D. datum 6.25 feet above Kidderpore old dock sill.

						Old value.		cording to V. D. datum.
ř	The previous year	200	-	water-level	014	66.62 on 30th August 1918 41.70 on 21st April 1918	***	61·71 86·89
ğ	Record .	-002	Lowest	- 29	***	69.25 on 26th August 1879	***	64'44
	Do. Do.	200	Ditto	17	***	69-08 on 9th September 1885 68:30 on 25th August 1906	*41	64.27
	Do.	***	Ditto	11	***	68-21 on 26th August 1890 37-68 on 26th April 1884	***	63'40 82'82
	Do. Do.	***	Ditto	27	***	88 18 on 14th-15th April 1888	***	88-82
	Do.	***	Ditto	10		39 02 on 21st-22nd April 1897 89:28 on 6th-7th May 1908	***	84.21

N.B.—The gauge-readings commenced from 1st August 1887.

BOALIA,
The 20th December 1919.

M. SEN GUPTA,

Executive Engineer, Rajshahi Divn.

Statement showing the gauge-readings at Dacca Water-works Station on the river Buriganga for the week ending the 6th December 1919.

	1	AT HIGHEST WATER.		AT LOWER	WATER.			
Date	ANT A.M.	Time.	Readings.	Time.	Readings.	-A66 P.M.	Bemarks.	
1919. 30th Nov.	54.7	15-0	55 5	10-45	54.8	55 2	P. T. at 10-15, and E. T. at 16-65,	
1st Dec.	55.0	16-30	55.2	11-18	54-5	55'3	F. T. at 11-30, and H. T. a. 16-40.	
2nd "	54.86	17-28	55.4	12-20	54.4	55.3	F. T. at 19-80, and E. T. a 17-36.	
3rd ,,	54.9		***	13-15	54.3	55.0	F. T. at 13-25.	
4th ,,	65.0	009	***	14-20	54.25	54.8	P. T. at 14-85,.	
5th "	55.2	7-0 .	55.2	15-35	54.2	54'5	R. T. at 7-10, and F. T. at 15 43.	
6th ,,	55.10	8-30	55.38	16.30	54-2	*54:3	E. T. at 8-40, and F. T. at 16-42.	

Notable high and low water-levels of previous years.

100
gh tide.
AND DEAD
100
w tide.

DAGCA,
The 10th December 1919.

W. J. KERR, Executive Engineer, Dacca Division

Statement showing the gauge readings at Dacca Water-works Station on the river Burlyanga for the week ending the 13th December 1918.

		Ат изонен	WATER.	AT LOWEST	WATER.	hallo lon	Remarks.
Date.	А\$ 7 д.м.	Time.	Readings.	Time.	Readings.	A45 P.M.	
1919 7th Dec.	55.26	9-30	55.4	17-20	54.18	54.2	R. T. at 9-45, and F. T. at 17-30.
8th	55.0	10-48	55-6	***		54'35	B. T. at (1.
9th "	54.6	11-55	55.8	7-0	54 6	54.78	F. T. at 7-10, and E. T. at
Oth ,.	54.6	18-0	55.7	7-50	54.5	55 2	P. T. at 8, and M. T, at 12-10.
1th ,	54.5	14-5	55.6	8-40	54.8	55.0	F. T. at 8-66, and H. T. at 14-20.
2th ,,	54.3	15-12	55 52	9-38	54.0	58.0	F. T. at 9-45, and R. T. at 16-25.
3th ,,	54.0	16-0	55.40	10-30	53-6	55:20	F. T. at 10-48, and R. T. at 16-18.
	ALCOHOLD DAY	William St.		THE RESERVE OF THE PARTY OF THE	THE REAL PROPERTY.	March March Control	A STATE OF THE PARTY OF THE PAR

Notable-high and low water levels of previous years.

27th August	1906		at the same	1. 16	70.5	1
5th September	1909	***	The same of the same	***	67'80	
10th August	1910	1000	MITTER TO THE	***	69.86	The State of the S
185	1941	- Marie			68.46	
18th "	1912	100		See The	67.10	Taken at high tide.
Bist n	1915	1	PRES' A.S.	***	69-7	
18th "	1916	444		w. 1 "	68.1	
12th	1917		STATE OF	***	671	
Blat .	1910	200	The Public	121	69 13	
28rd February	1907	500	Mari	450000 mg	51'0	
131h "	1908	1	128	***	51 00	
12th March	1912	T. Carrie	444		51-00	
6th n	1914	1	***	***	50 60	Comments and the second
23nd February	1916			***	50 80	
15th	1916		9 30 5	1	50.60	
Brd March	1917	- 100	THE WARRY		51.0	ALL SERVICES STATE OF THE SERVICES
21st February	1918	210	404		51-40	0
Andreas of the second	-	2	The second of the second	Applitude.	DESCRIPTION OF THE PARTY OF THE	CONTRACTOR OF THE PARTY OF THE

DACCA,

The 22nd December 1919.

W. J. KERR,

Executive Engineer, Dacca Division.